FIG. 1A

ggagcccgga gcccgccttc ggagctacgg cctaacggcg gcggcgactg cagtctggag 60

ggtccacact tgtgattctc aatggagagt gaaaacgcag attcataatg aaaactagcc 120

cccgtcggcc actgattctc aaaagacgga ggctgcccct tcctgttcaa aatgccccaa 180

gtgaaacatc agaggaggaa cctaagagat cccctgccca acaggagtct aatcaagcag 240

aggcctccaa ggaagtggca gagtccaact cttgcaagtt tccagctggg atcaagatta 300

ttaaccaccc caccatgccc aacacgcaag tagtggccat ccccaacaat gctaatattc 360

acagcatcat cacagcactg actgccaagg gaaaagagag tggcagtagt gggcccaaca 420

aattcatcct catcagctgt gggggagccc caactcagcc tccaggactc cggcctcaaa 480

cccaaaccag ctatgatgcc aaaaggacag aagtgaccct ggagaccttg ggaccaaaac 540

ctgcagctag ggatgtgaat cttcctagac cacctggagc cctttgcgag cagaaacggg 600

agacctgtgc agatggtgag gcagcaggct gcactatcaa caatagccta tccaacatcc 660

agtggcttcg aaagatgagt tctgatggac tgggctcccg cagcatcaag caagagatgg 720

aggaaaagga gaattgtcac ctggagcagc gacaggttaa ggttgaggag ccttcgagac 780

catcagcgtc ctggcagaac tctgtgtctg agcggccacc ctactcttac atggccatga 840

tacaattcgc catcaacagc actgagagga agcgcatgac tttgaaagac atctatacgt 900

ggattgagga ccactttccc tactttaagc acattgccaa gccaggctgg aagaactcca 960

tccgccacaa cctttccctg cacgacatgt ttgtccggga gacgtctgcc aatggcaagg 1020

tctccttctg gaccattcac cccagtgcca accgctactt gacattggac caggtgttta 1080

agcagcagaa acgaccgaat ccagagctcc gccggaacat gaccatcaaa accgaactcc 1140

ccctgggcgc acggcggaag atgaagccac tgctaccacg ggtcagctca tacctggtac 1200

ctatccagtt cccggtgaac cagtcactgg tgttgcagcc ctcggtgaag gtgccattgc 1260

ccctggcggc ttccctcatg agctcagagc ttgcccgcca tagcaagcga gtccgcattg 1320

cccccaaggt gctgctagct gaggagggga tagctcctct ttcttctgca ggaccaggga 1380

aagaggagaa actcctgttt ggagaagggt tttctccttt gcttccagtt cagactatca 1440

FIG. 1B

```
aggaggaaga aatccagcct ggggaggaaa tgccacactt agcgagaccc atcaaagtgg 1500
agagccctcc cttggaagag tggccctccc cggccccatc tttcaaagag gaatcatctc 1560
actcctggga ggattcgtcc caatctccca ccccaagacc caagaagtcc tacagtgggc 1620
ttaggtcccc aacccggtgt gtctcggaaa tgcttgtgat tcaacacagg gagaggaggg 1680
agaggagccg gtctcggagg aaacagcatc tactgcctcc ctgtgtggat gagccggagc 1740
tgctcttctc agaggggccc agtacttccc gctgggccgc agagctcccg ttcccagcag 1800
actcctctga ccctgcctcc cagctcagct actcccagga agtgggagga ccttttaaga 1860
cacccattaa ggaaacgctg cccatctcct ccaccccgag caaatctgtc ctccccagaa 1920
cccctgaatc ctggaggctc acgcccccag ccaaagtagg gggactggat ttcagcccag 1980
tacaaacctc ccagggtgcc tctgacccct tgcctgaccc cctggggctg atggatctca 2040
gcaccactcc cttgcaaagt gctccccccc ttgaatcacc gcaaaggctc ctcagttcag 2100
aacccttaga cctcatctcc gtccccttg gcaactcttc tccctcagat atagacgtcc 2160
ccaagccagg ctccccggag ccacaggttt ctggccttgc agccaatcgt tctctgacag 2220
aaggcctggt cctggacaca atgaatgaca gcctcagcaa gatcctgctg gacatcagct 2280
ttcctggcct ggacgaggac ccactgggcc ctgacaacat caactggtcc cagtttattc 2340
ctgagctaca gtagagccct gcccttgccc ctgtgctcaa gctgtccacc atcccgggca 2400
ctccaaggct cagtgcaccc caagcctctg agtgaggaca gcaggcaggg actgttctgc 2460
tcctcatagc tccctgctgc ctgattatgc aaaagtagca gtcacaccct agccactgct 2520
gggaccttgt gttccccaag agtatctgat tcctctgctg tccctgccag gagctgaagg 2580
gtgggaacaa caaaggcaat ggtgaaaaga gattaggaac cccccagcct gtttccattc 2640
tctgcccagc agtctcttac cttccctgat ctttgcaggg tggtccgtgt aaatagtata 2700
aattctccaa attatcctct aattataaat gtaagct                          2737
```

FIG. 1C

```
MKTSPRRPLI LKRRRLPLPV QNAPSETSEE EPKRSPAQQE SNQAEASKEV AESNSCKFPA    60
GIKIINHPTM PNTQVVAIPN NANIHSIITA LTAKGKESGS SGPNKFILIS CGGAPTQPPG   120
LRPQTQTSYD AKRTEVTLET LGPKPAARDV NLPRPPGALC EQKRETCADG EAAGCTINNS   180
LSNIQWLRKM SSDGLGSRSI KQEMEEKENC HLEQRQVKVE EPSRPSASWQ NSVSERPPYS   240
YMAMIQFAIN STERKRMTLK DIYTWIEDHF PYFKHIAKPG WKNSIRHNLS LHDMFVRETS   300
ANGKVSFWTI HPSANRYLTL DQVFKQQKRP NPELRRNMTI KTELPLGARR KMKPLLPRVS   360
SYLVPIQFPV NQSLVLQPSV KVPLPLAASL MSSELARHSK RVRIAPKVLL AEEGIAPLSS   420
AGPGKEEKLL FGEGFSPLLP VQTIKEEEIQ PGEEMPHLAR PIKVESPPLE EWPSPAPSFK   480
EESSHSWEDS SQSPTPRPKK SYSGLRSPTR CVSEMLVIQH RERRERSRSR RKQHLLPPCV   540
DEPELLFSEG PSTSRWAAEL PFPADSSDPA SQLSYSQEVG GPFKTPIKET LPISSTPSKS   600
VLPRTPESWR LTPPAKVGGL DFSPVQTSQG ASDPLPDPLG LMDLSTTPLQ SAPPLESPQR   660
LLSSEPLDLI SVPFGNSSPS DIDVPKPGSP EPQVSGLAAN RSLTEGLVLD TMNDSLSKIL   720
LDISFPGLDE DPLGPDNINW SQFIPELQ                                      748
```

Fig. 2

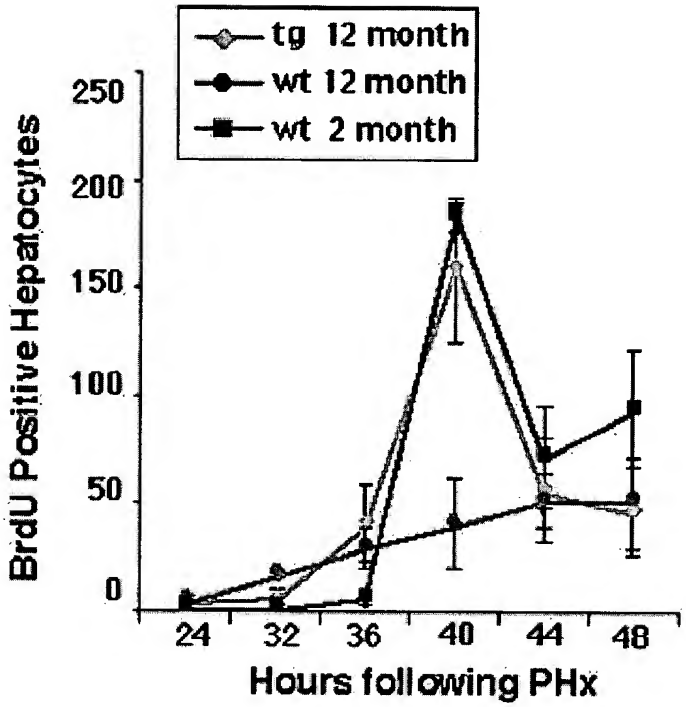

tg 12 month
wt 12 month
wt 2 month
BrdU Positive Hepatocytes
250
200
150
100
50
0
24
32
36
40
44
48
Hours following PHx

Fig. 3

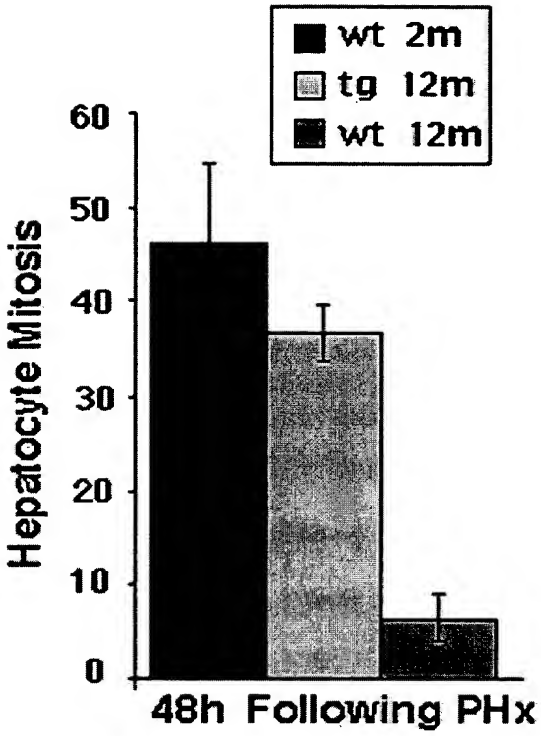

wt 2m
tg 12m
wt 12m
Hepatocyte Mitosis
60
50
40
30
20
10
0
48h Following PHx

Fig. 4

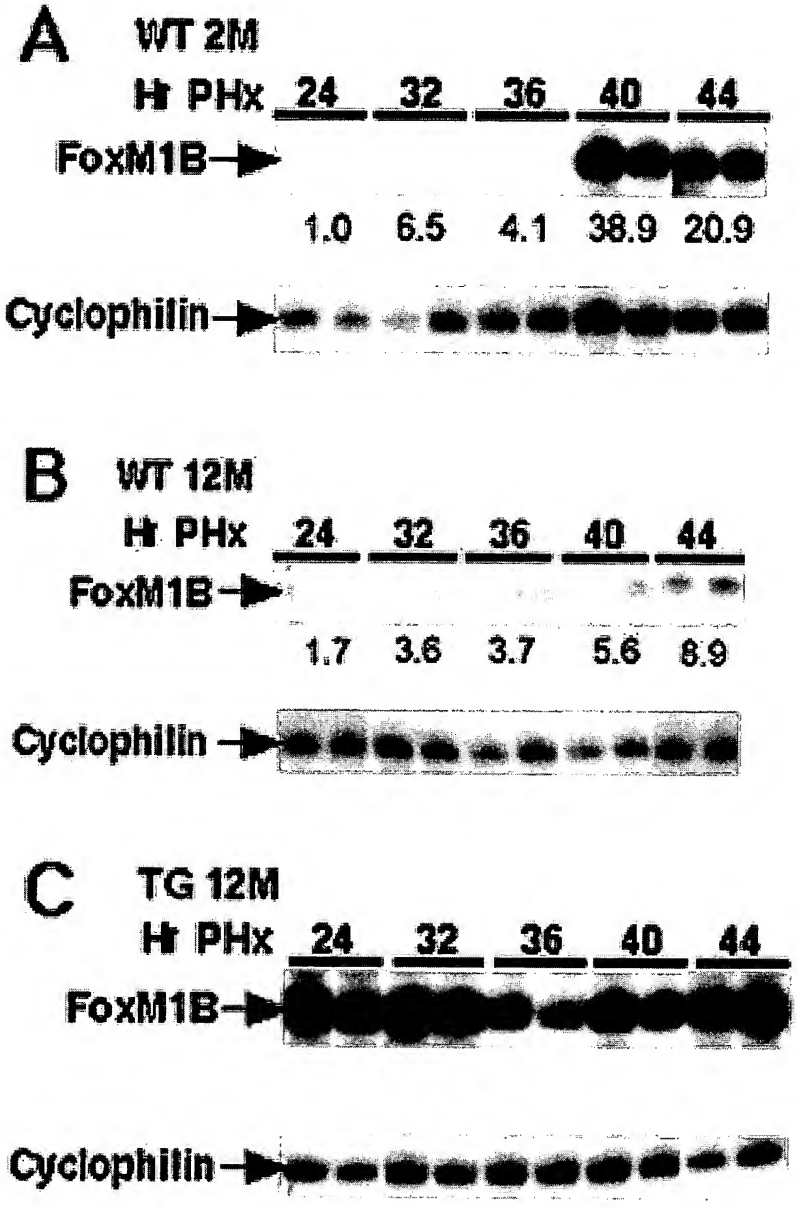

A
WT 2M
Hr PHx 24 32 36 40 44
FoxM1B
1.0 6.5 4.1 38.9 20.9
Cyclophilin
B
WT 12M
Hr PHx 24 32 36 40 44
FoxM1B
1.7 3.6 3.7 5.6 8.9
Cyclophilin
C
TG 12M
Hr PHx 24 32 36 40 44
FoxM1B
Cyclophilin

Fig. 5

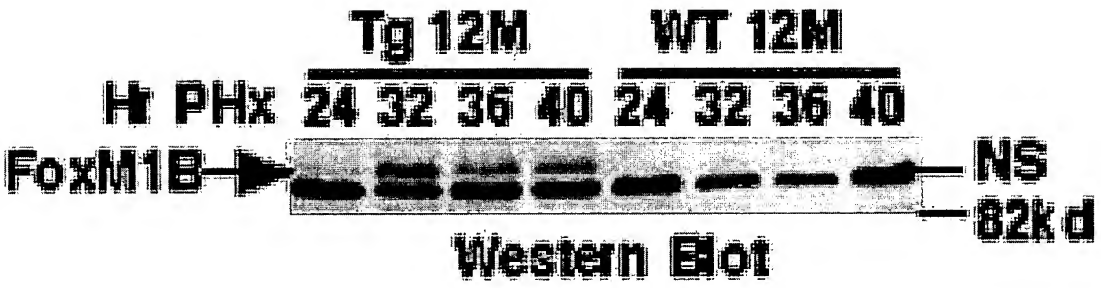

Tg 12M
WT 12M
Hr PHx 24 32 36 40 24 32 36 40
FoxM1B
NS
82kd
Western Blot

Fig. 6

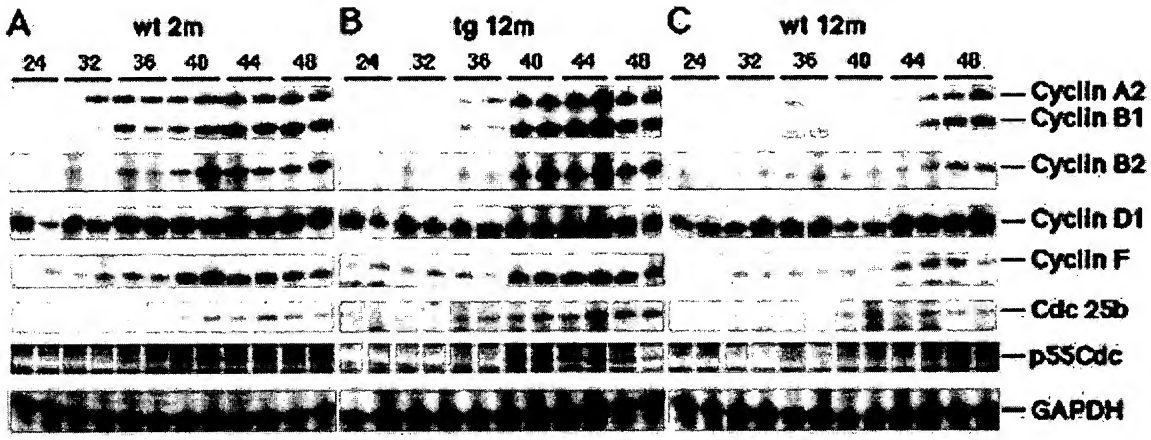

A
wt 2m
B
tg 12m
C
wt 12m
24
32
36
40
44
48
Cyclin A2
Cyclin B1
Cyclin B2
Cyclin D1
Cyclin F
Cdc 25b
p55Cdc
GAPDH

Fig. 7

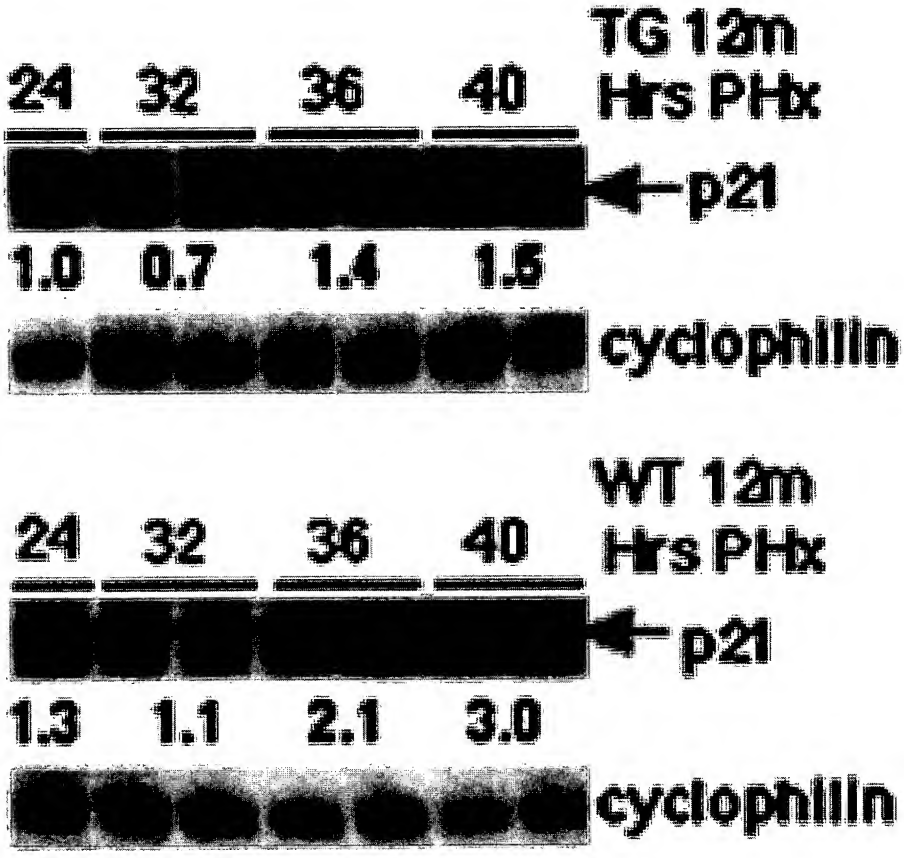

TG 12m
24 32 36 40
Hrs PHx
p21
1.0 0.7 1.4 1.5
cyclophilin
WT 12m
24 32 36 40
Hrs PHx
p21
1.3 1.1 2.1 3.0
cyclophilin

Fig. 8

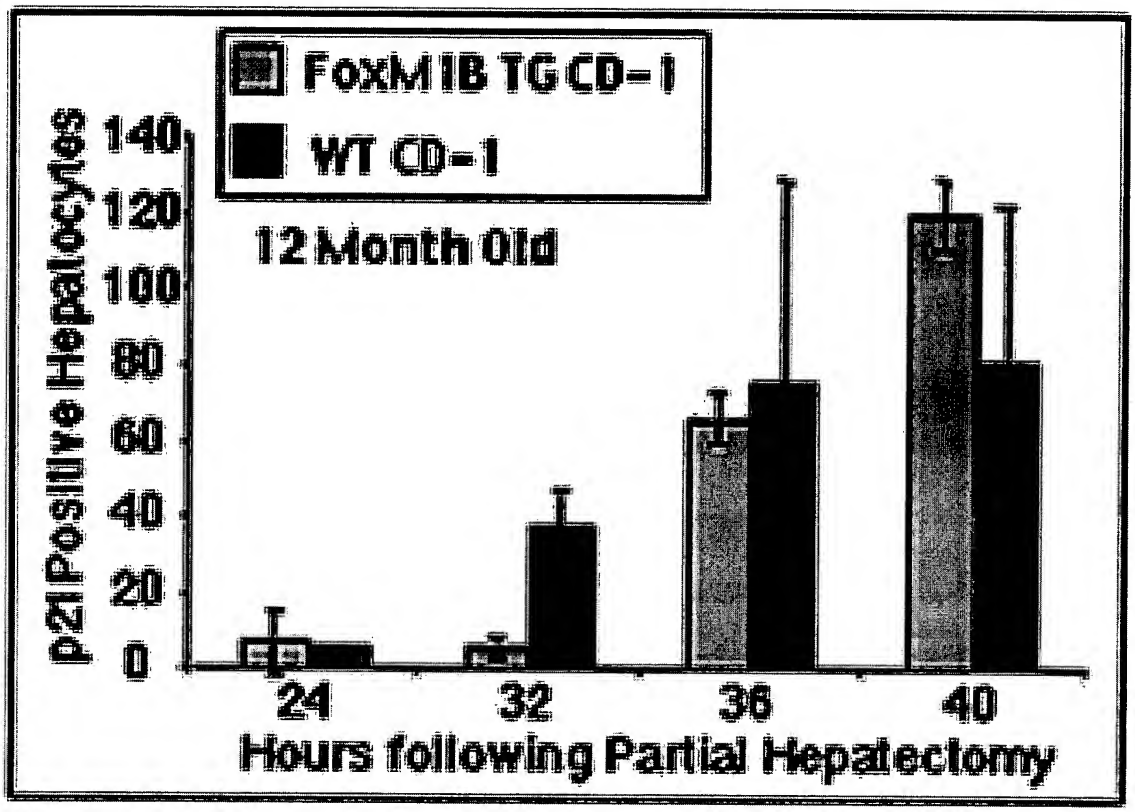

FoxM1B TG CD-1
WT CD-1
12 Month Old
p21 Positive Hepatocytes
140
120
100
80
60
40
20
0
24
32
36
40
Hours following Partial Hepatectomy

Fig. 9

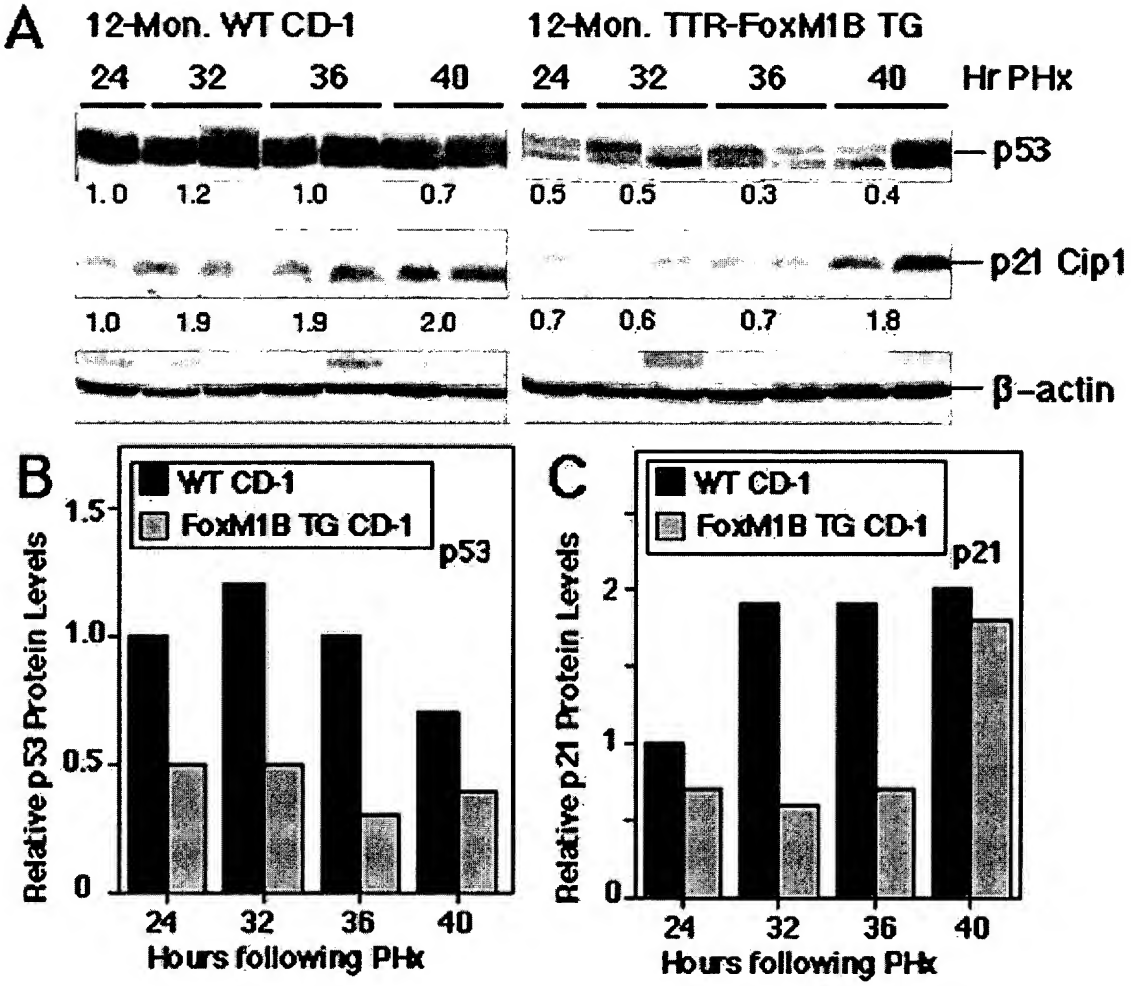

A
12-Mon. WT CD-1
12-Mon. TTR-FoxM1B TG
24 32 36 40 24 32 36 40 Hr PHx
p53
1.0 1.2 1.0 0.7 0.5 0.5 0.3 0.4
p21 Cip1
1.0 1.9 1.9 2.0 0.7 0.6 0.7 1.8
β-actin
B
WT CD-1
FoxM1B TG CD-1
p53
Relative p53 Protein Levels
1.5
1.0
0.5
0
24 32 36 40
Hours following PHx
C
WT CD-1
FoxM1B TG CD-1
p21
Relative p21 Protein Levels
2
1
0
24 32 36 40
Hours following PHx

Fig. 10

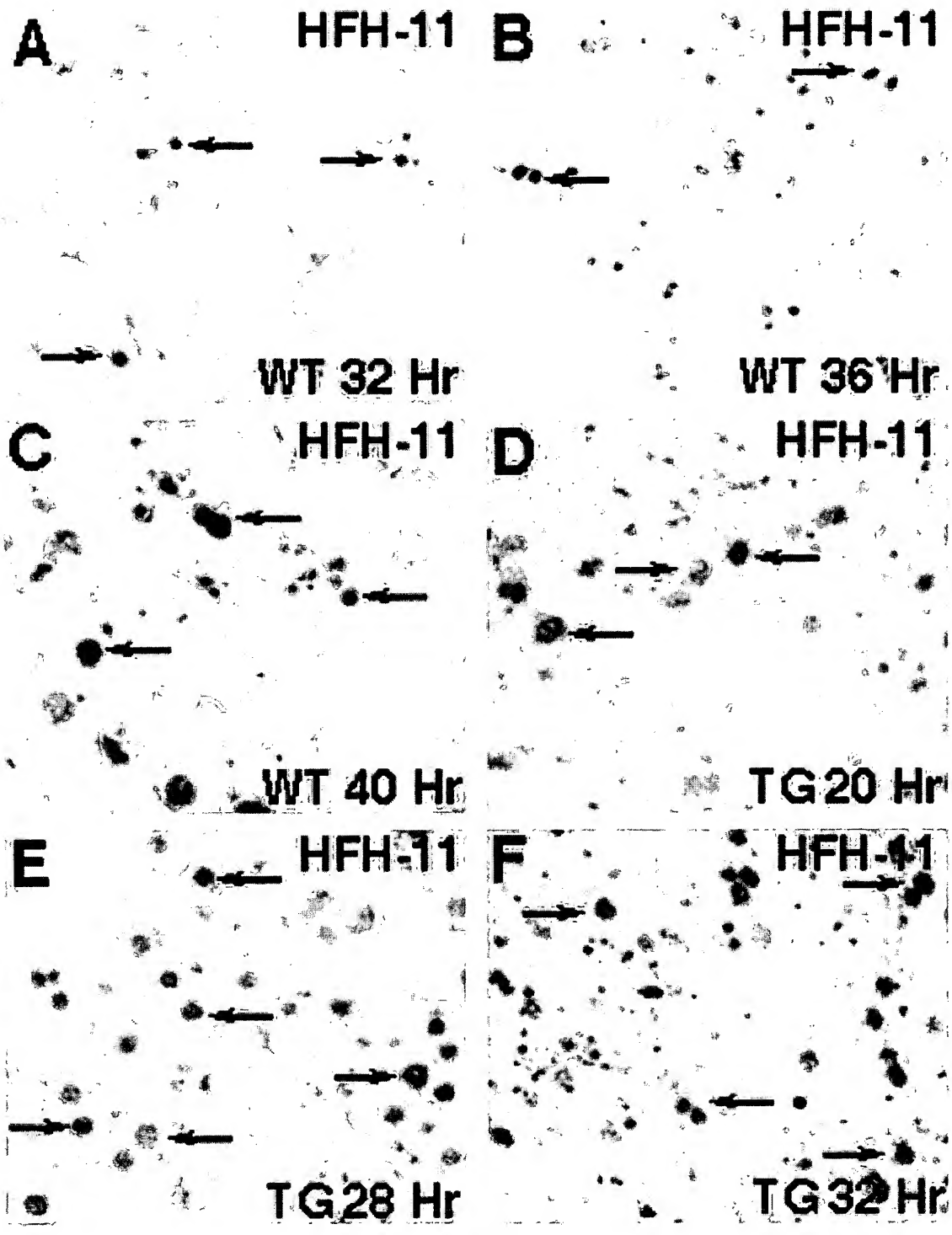

A
HFH-11
WT 32 Hr
B
HFH-11
WT 36 Hr
C
HFH-11
WT 40 Hr
D
HFH-11
TG 20 Hr
E
HFH-11
TG 28 Hr
F
HFH-11
TG 32 Hr

Fig. 11

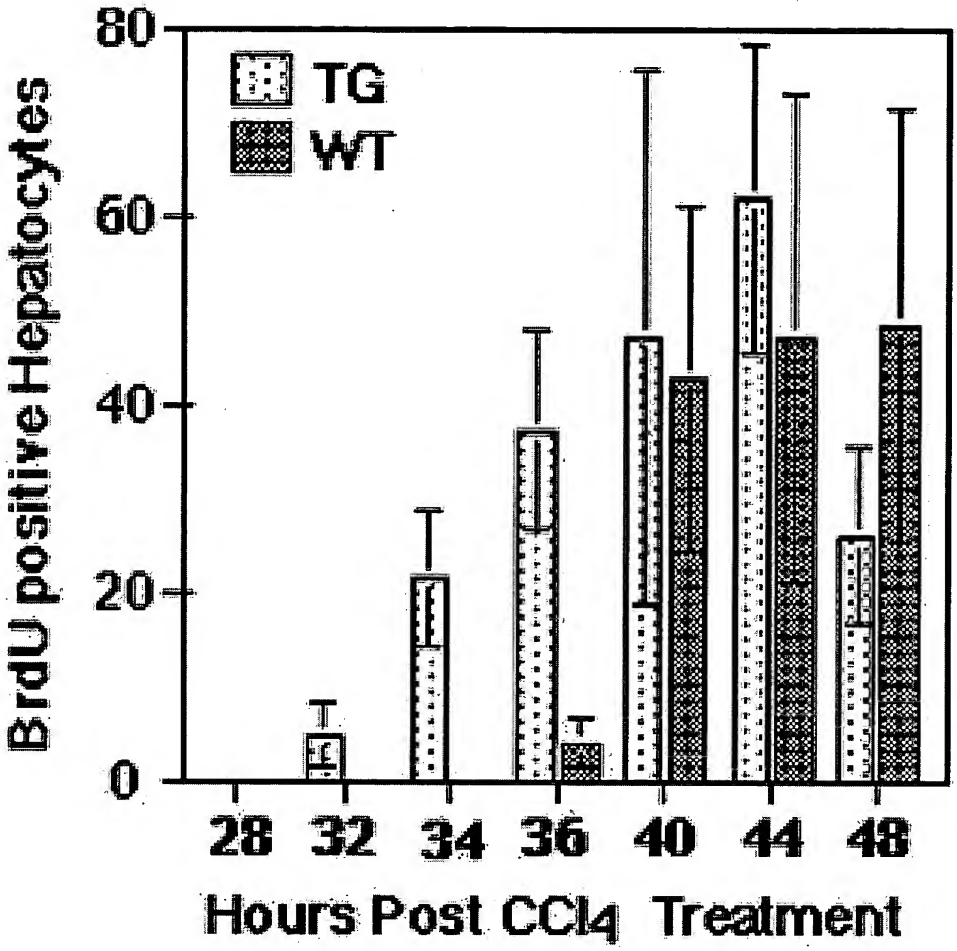
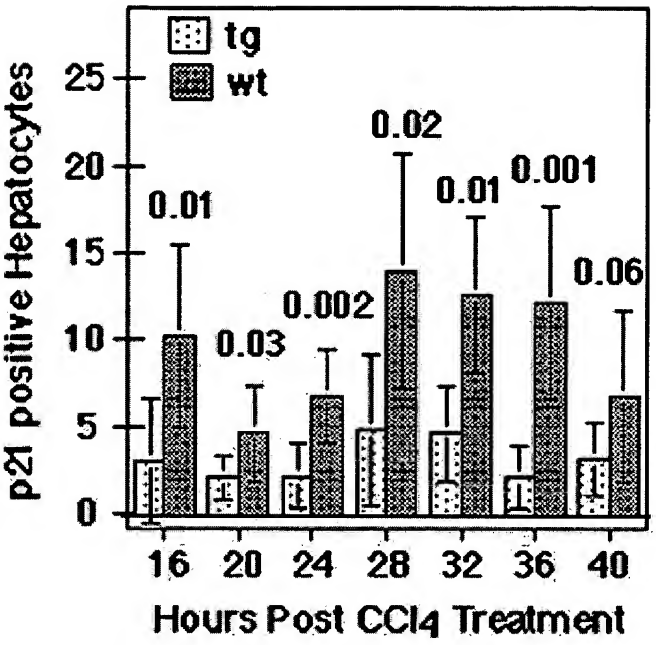

80
60
40
20
0
TG
WT
BrdU positive Hepatocytes
28
32
34
36
40
44
48
Hours Post CCl4 Treatment

Fig. 12

A


tg
wt
p21 positive Hepatocytes
25
20
15
10
5
0
0.01
0.03
0.002
0.02
0.01
0.001
0.06
16
20
24
28
32
36
40
Hours Post CCl4 Treatment

B

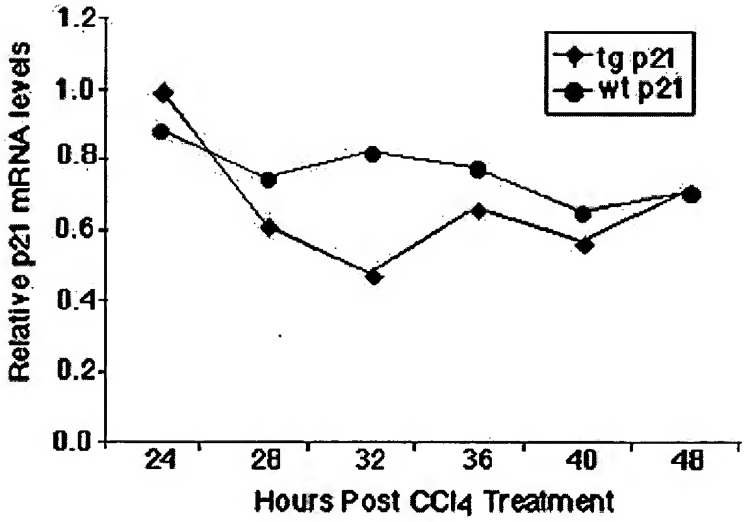

tg p21
wt p21
Relative p21 mRNA levels
1.2
1.0
0.8
0.6
0.4
0.2
0.0
24
28
32
36
40
48
Hours Post CCl4 Treatment

Fig. 13

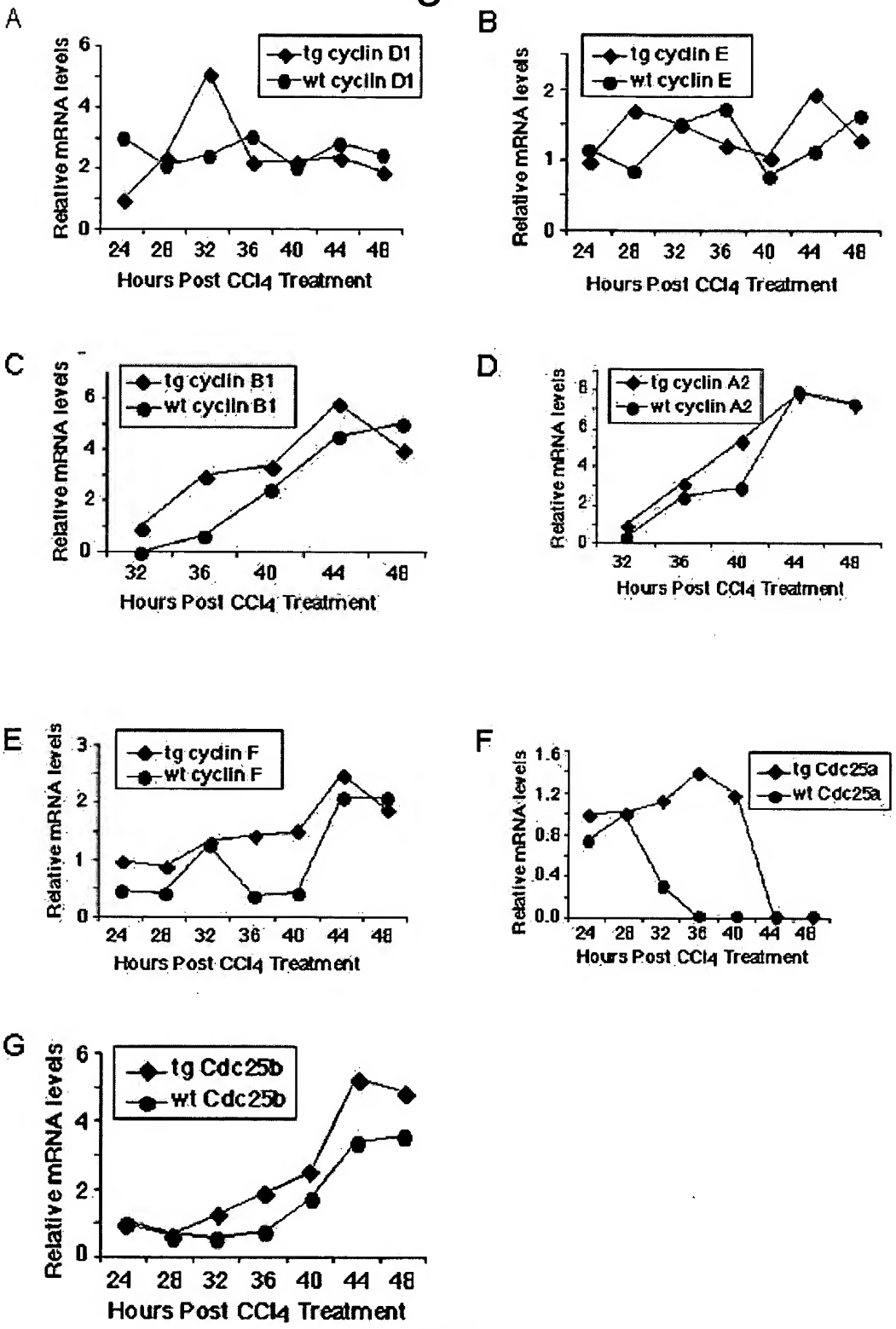

A
tg cyclin D1
wt cyclin D1
Relative mRNA levels
Hours Post CCl4 Treatment
B
tg cyclin E
wt cyclin E
Relative mRNA levels
Hours Post CCl4 Treatment
C
tg cyclin B1
wt cyclin B1
Relative mRNA levels
Hours Post CCl4 Treatment
D
tg cyclin A2
wt cyclin A2
Relative mRNA levels
Hours Post CCl4 Treatment
E
tg cyclin F
wt cyclin F
Relative mRNA levels
Hours Post CCl4 Treatment
F
tg Cdc25a
wt Cdc25a
Relative mRNA levels
Hours Post CCl4 Treatment
G
tg Cdc25b
wt Cdc25b
Relative mRNA levels
Hours Post CCl4 Treatment

Fig. 14

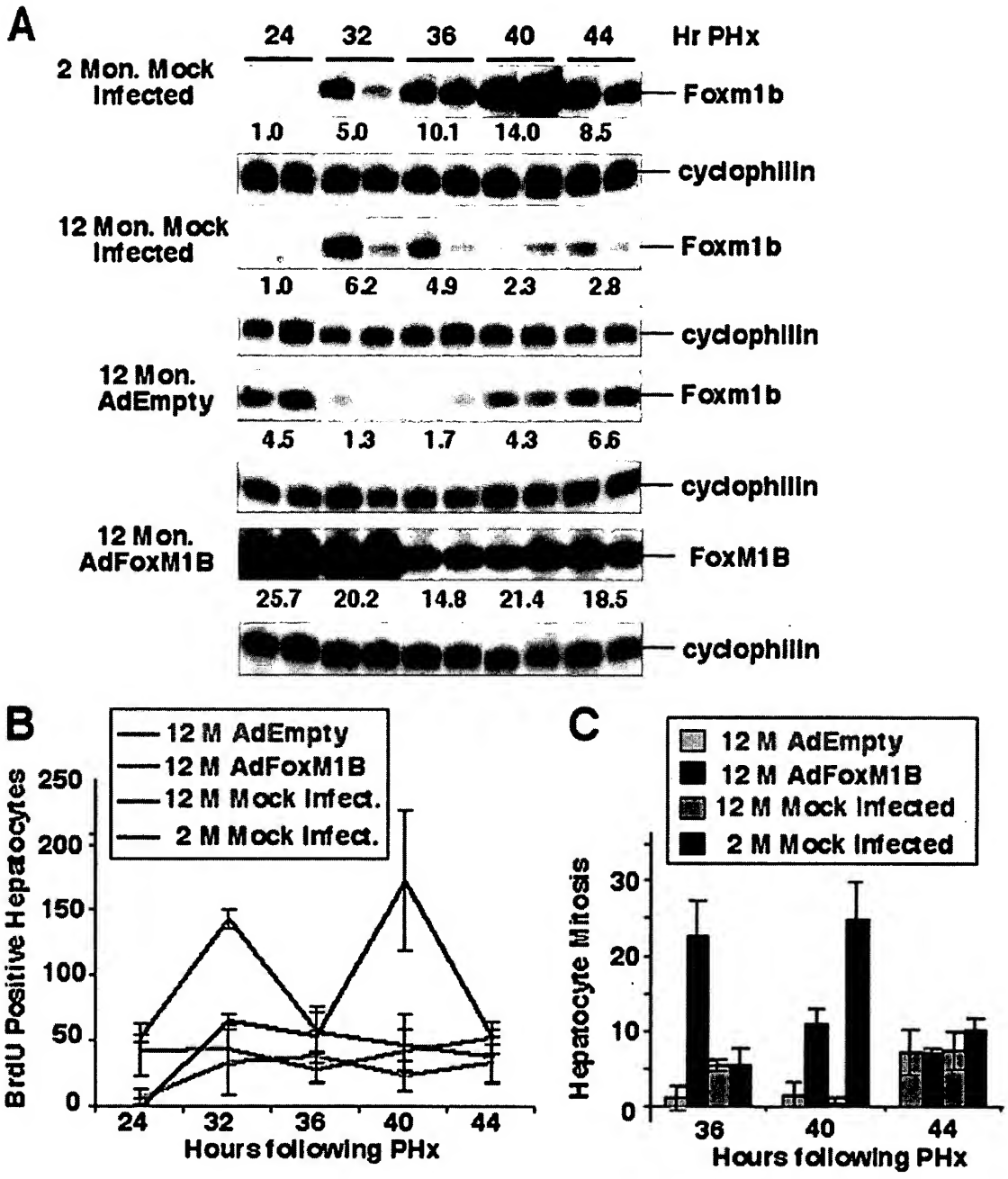

A
24
32
36
40
44
Hr PHx
2 Mon. Mock Infected
Foxm1b
1.0
5.0
10.1
14.0
8.5
cyclophilin
12 Mon. Mock Infected
Foxm1b
1.0
6.2
4.9
2.3
2.8
cyclophilin
12 Mon. AdEmpty
Foxm1b
4.5
1.3
1.7
4.3
6.6
cyclophilin
12 Mon. AdFoxM1B
FoxM1B
25.7
20.2
14.8
21.4
18.5
cyclophilin
B
12 M AdEmpty
12 M AdFoxM1B
12 M Mock Infect.
2 M Mock Infect.
BrdU Positive Hepatocytes
250
200
150
100
50
0
24
32
36
40
44
Hours following PHx
C
12 M AdEmpty
12 M AdFoxM1B
12 M Mock Infected
2 M Mock Infected
Hepatocyte Mitosis
30
20
10
0
36
40
44
Hours following PHx

Fig. 15

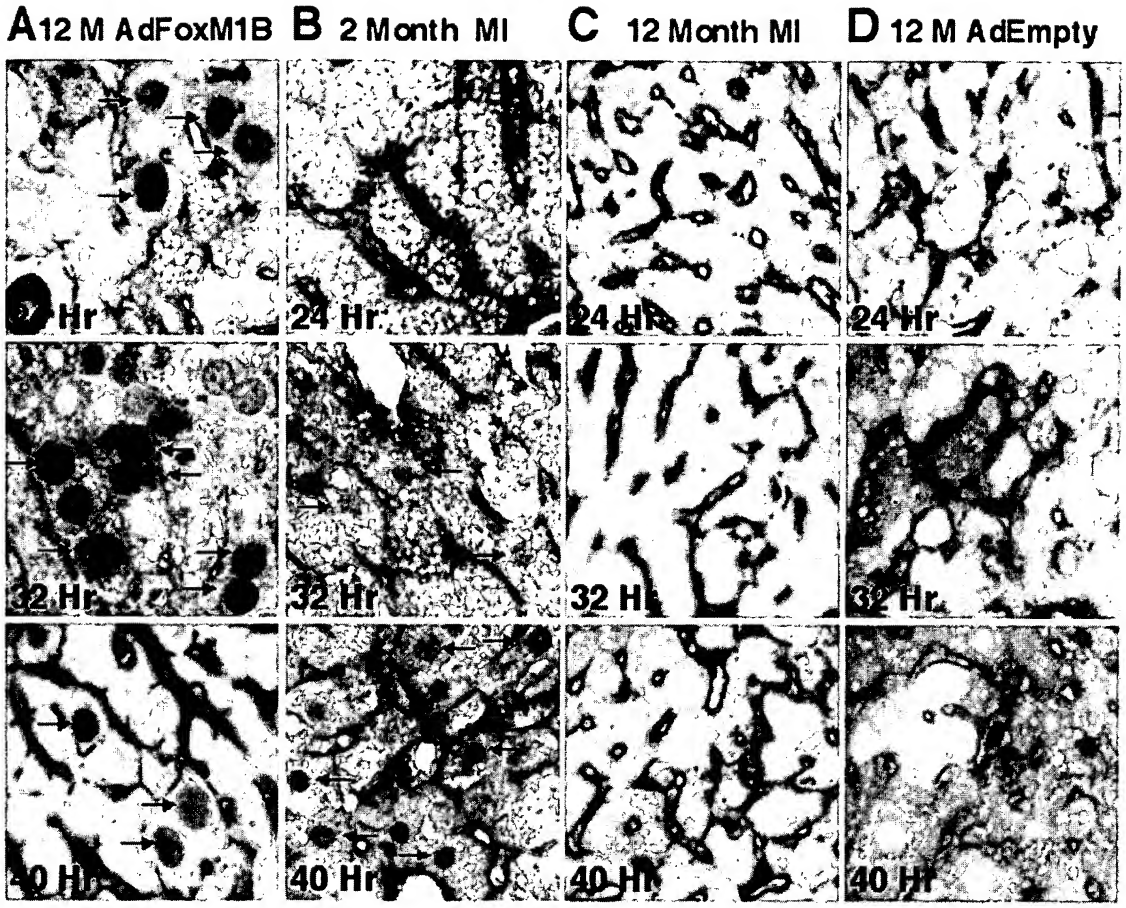

A 12 M AdFoxM1B
B 2 Month MI
C 12 Month MI
D 12 M AdEmpty
24 Hr
24 Hr
24 Hr
24 Hr
32 Hr
32 Hr
32 Hr
32 Hr
40 Hr
40 Hr
40 Hr
40 Hr

FIG. 16

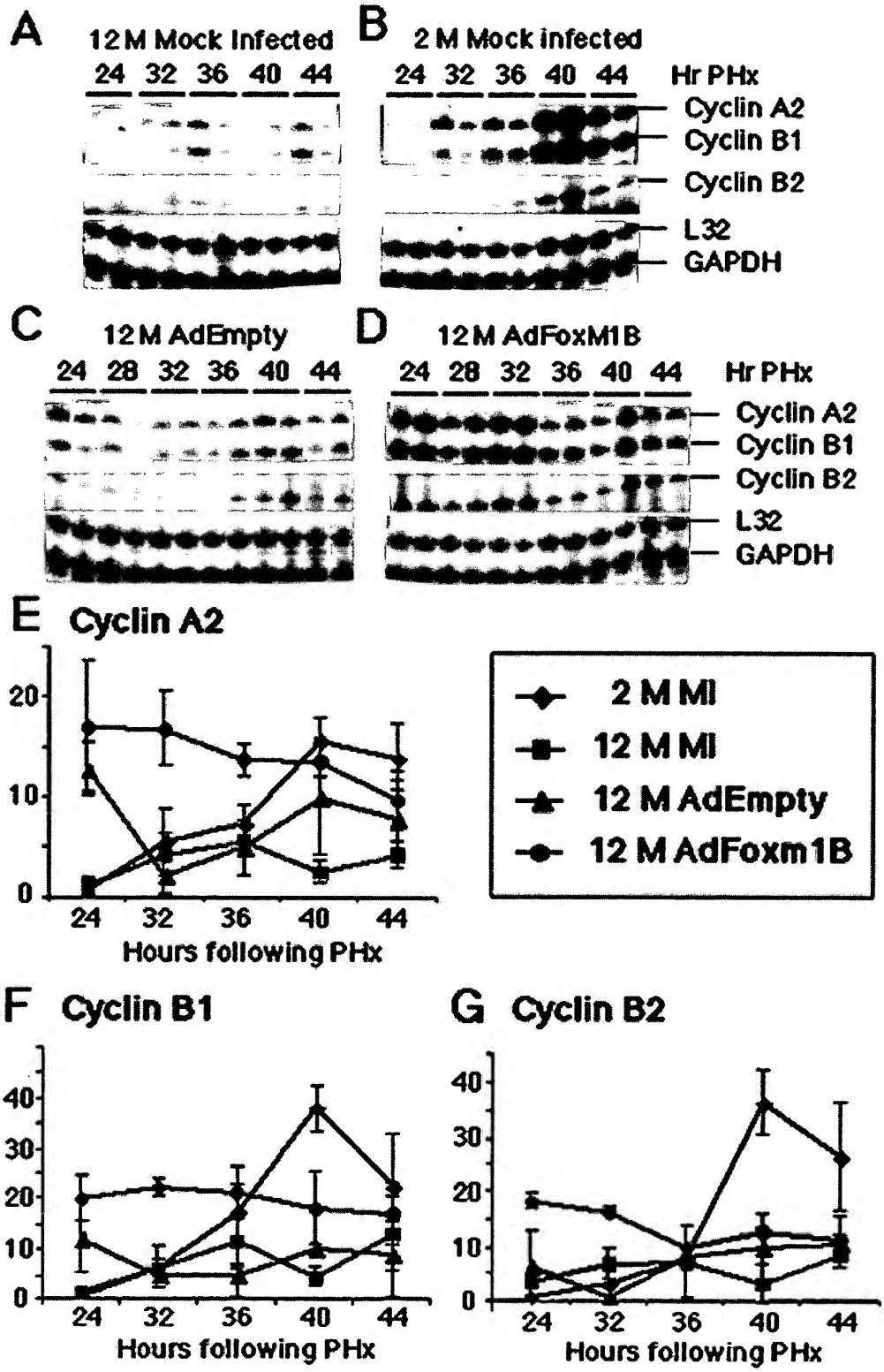

A
12 M Mock Infected
24 32 36 40 44
B
2 M Mock infected
24 32 36 40 44
Hr PHx
Cyclin A2
Cyclin B1
Cyclin B2
L32
GAPDH
C
12 M AdEmpty
24 28 32 36 40 44
D
12 M AdFoxM1B
24 28 32 36 40 44
Hr PHx
Cyclin A2
Cyclin B1
Cyclin B2
L32
GAPDH
E
Cyclin A2
20
10
0
24 32 36 40 44
Hours following PHx
2 M MI
12 M MI
12 M AdEmpty
12 M AdFoxm1B
F
Cyclin B1
40
30
20
10
0
24 32 36 40 44
Hours following PHx
G
Cyclin B2
40
30
20
10
0
24 32 36 40 44
Hours following PHx

Fig. 17

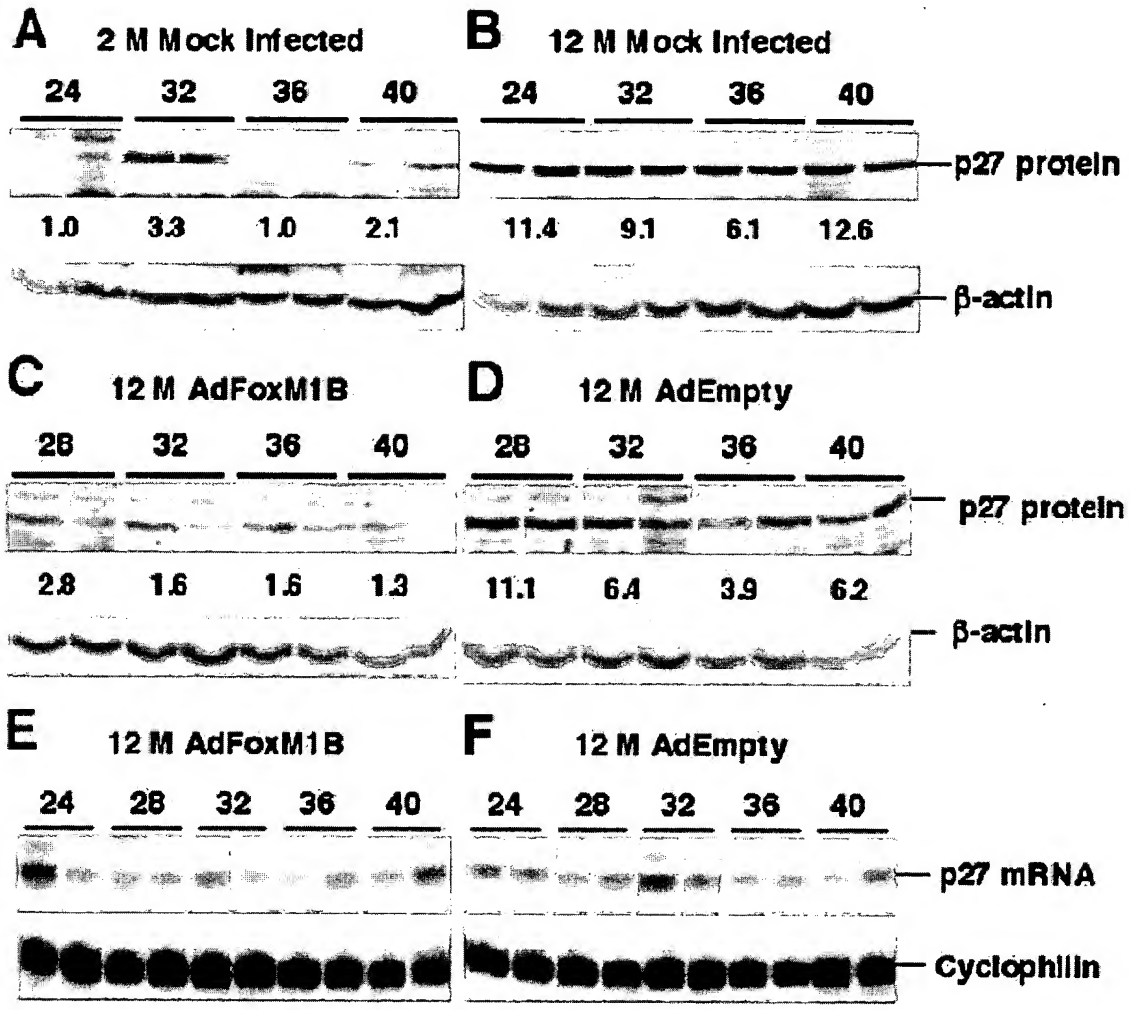

A
2 M Mock Infected
24
32
36
40
1.0
3.3
1.0
2.1
B
12 M Mock Infected
24
32
36
40
11.4
9.1
6.1
12.6
p27 protein
β-actin
C
12 M AdFoxM1B
28
32
36
40
2.8
1.6
1.6
1.3
D
12 M AdEmpty
28
32
36
40
11.1
6.4
3.9
6.2
p27 protein
β-actin
E
12 M AdFoxM1B
24
28
32
36
40
F
12 M AdEmpty
24
28
32
36
40
p27 mRNA
Cyclophilin

Fig. 18

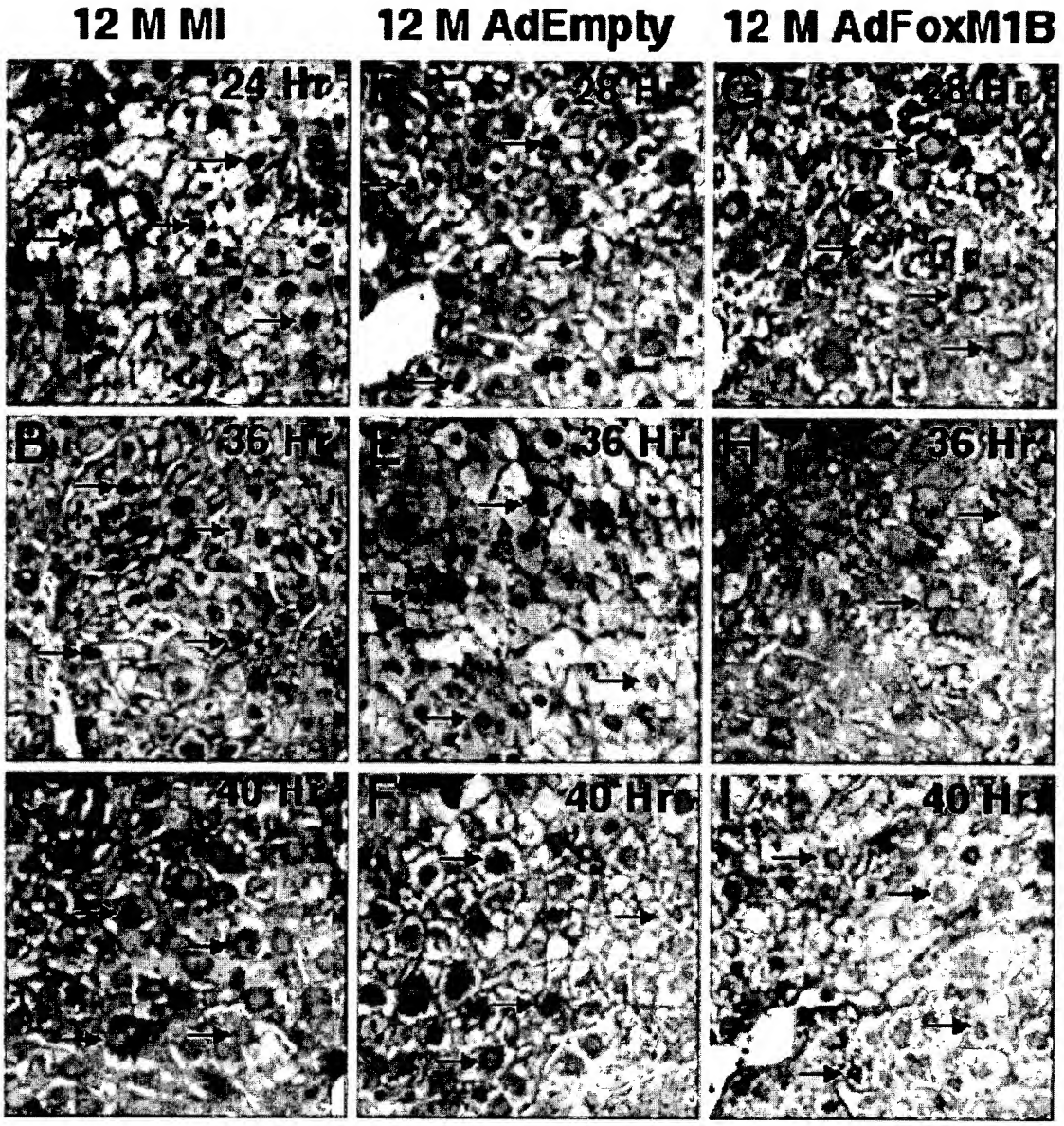

12 M MI
12 M AdEmpty
12 M AdFoxM1B
24 Hr
28 Hr
28 Hr
B
36 Hr
E
36 Hr
H
36 Hr
40 Hr
F
40 Hr
I
40 Hr

Fig. 19

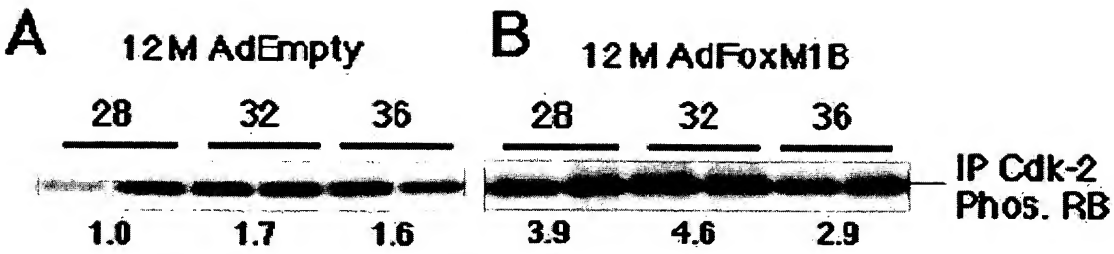

A
12 M AdEmpty
B
12 M AdFoxM1B
28
32
36
28
32
36
IP Cdk-2
Phos. RB
1.0
1.7
1.6
3.9
4.6
2.9

Fig. 20

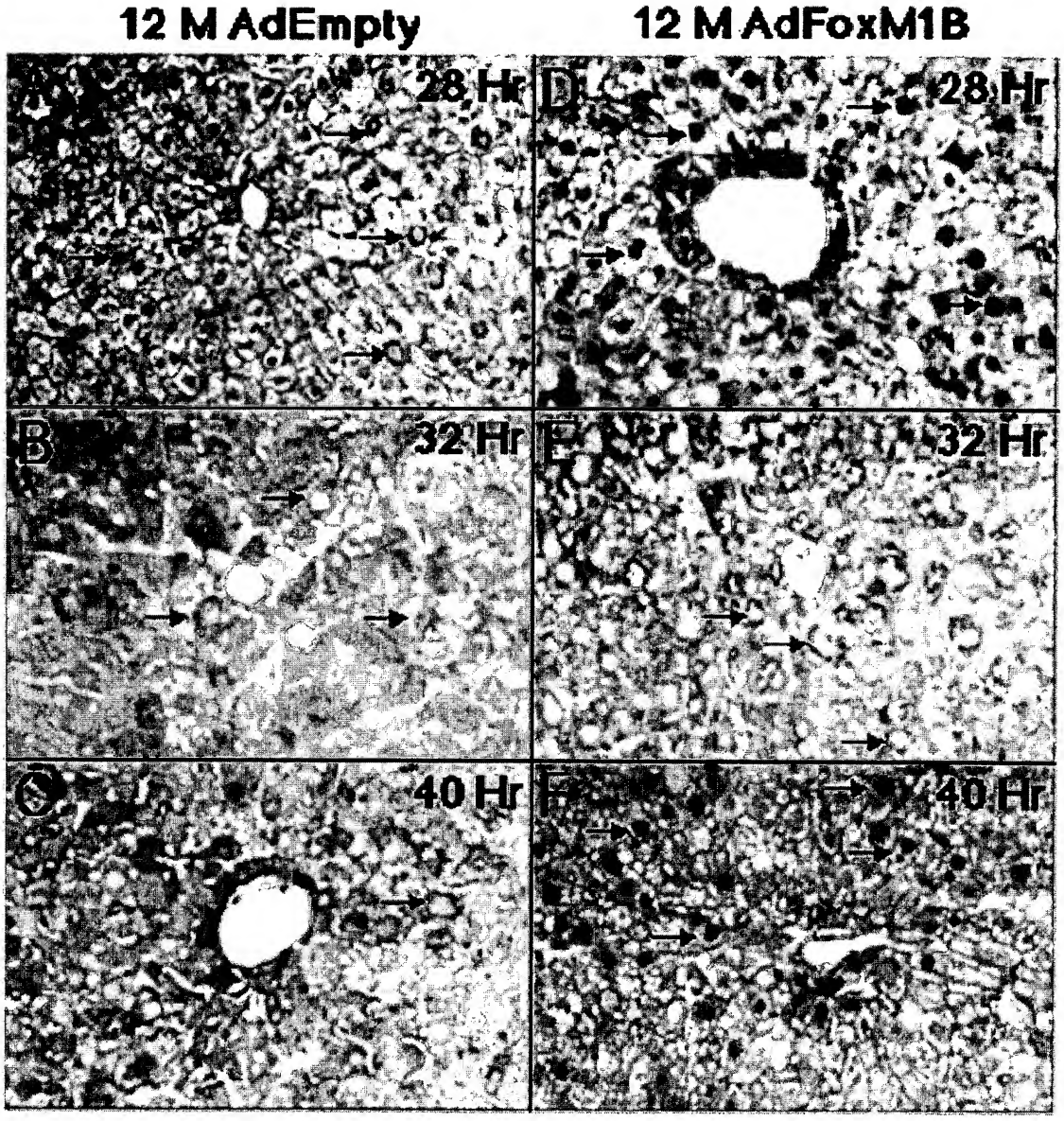

12 M AdEmpty
12 M AdFoxM1B
A
28 Hr
D
28 Hr
B
32 Hr
E
32 Hr
C
40 Hr
F
40 Hr

Fig. 21

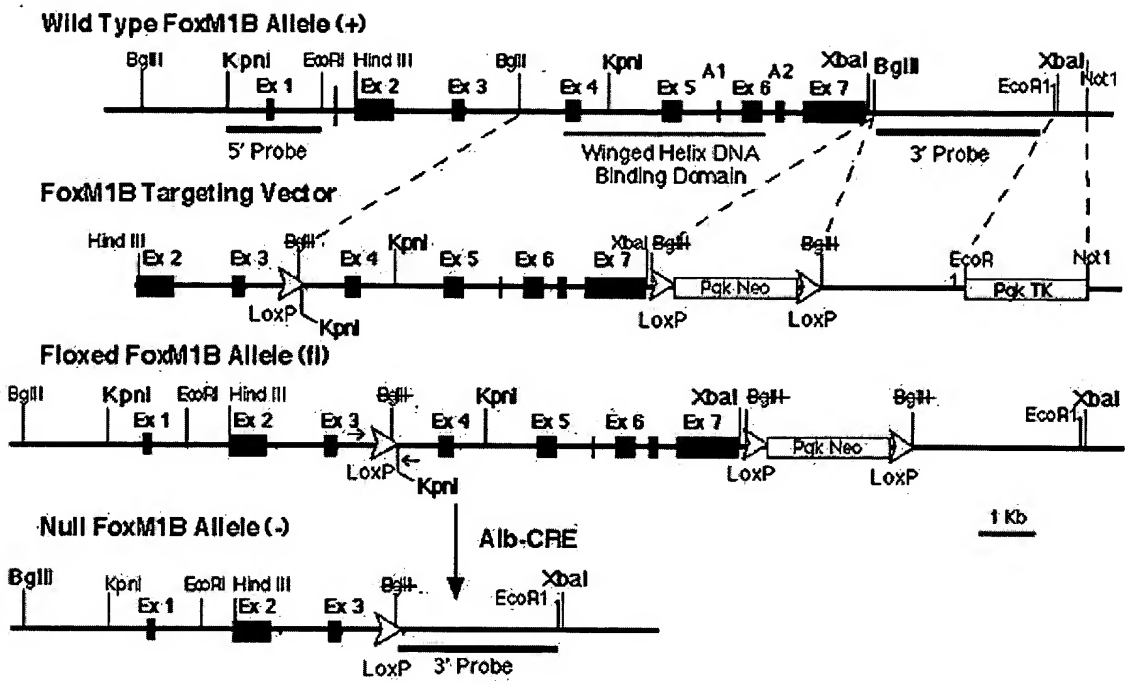

Wild Type FoxM1B Allele (+)
BglII
KpnI
EcoRI
Hind III
Ex 1
Ex 2
Ex 3
BglII
KpnI
Ex 4
Ex 5
A1
Ex 6
A2
Ex 7
XbaI
BglII
XbaI
EcoR1
Not1
5' Probe
Winged Helix DNA Binding Domain
3' Probe
FoxM1B Targeting Vector
Hind III
Ex 2
Ex 3
BglII
Ex 4
KpnI
Ex 5
Ex 6
Ex 7
XbaI
BglII
BglII
EcoR
Not1
Pgk Neo
Pgk TK
LoxP
KpnI
LoxP
LoxP
Floxed FoxM1B Allele (fl)
BglII
KpnI
EcoRI
Hind III
Ex 1
Ex 2
Ex 3
BglII
KpnI
Ex 4
Ex 5
Ex 6
Ex 7
XbaI
BglII
BglII
XbaI
EcoR1
Pgk Neo
LoxP
KpnI
LoxP
LoxP
1 Kb
Null FoxM1B Allele (-)
Alb-CRE
BglII
KpnI
EcoRI
Hind III
Ex 1
Ex 2
Ex 3
BglII
XbaI
EcoR1
LoxP
3' Probe

Fig. 22

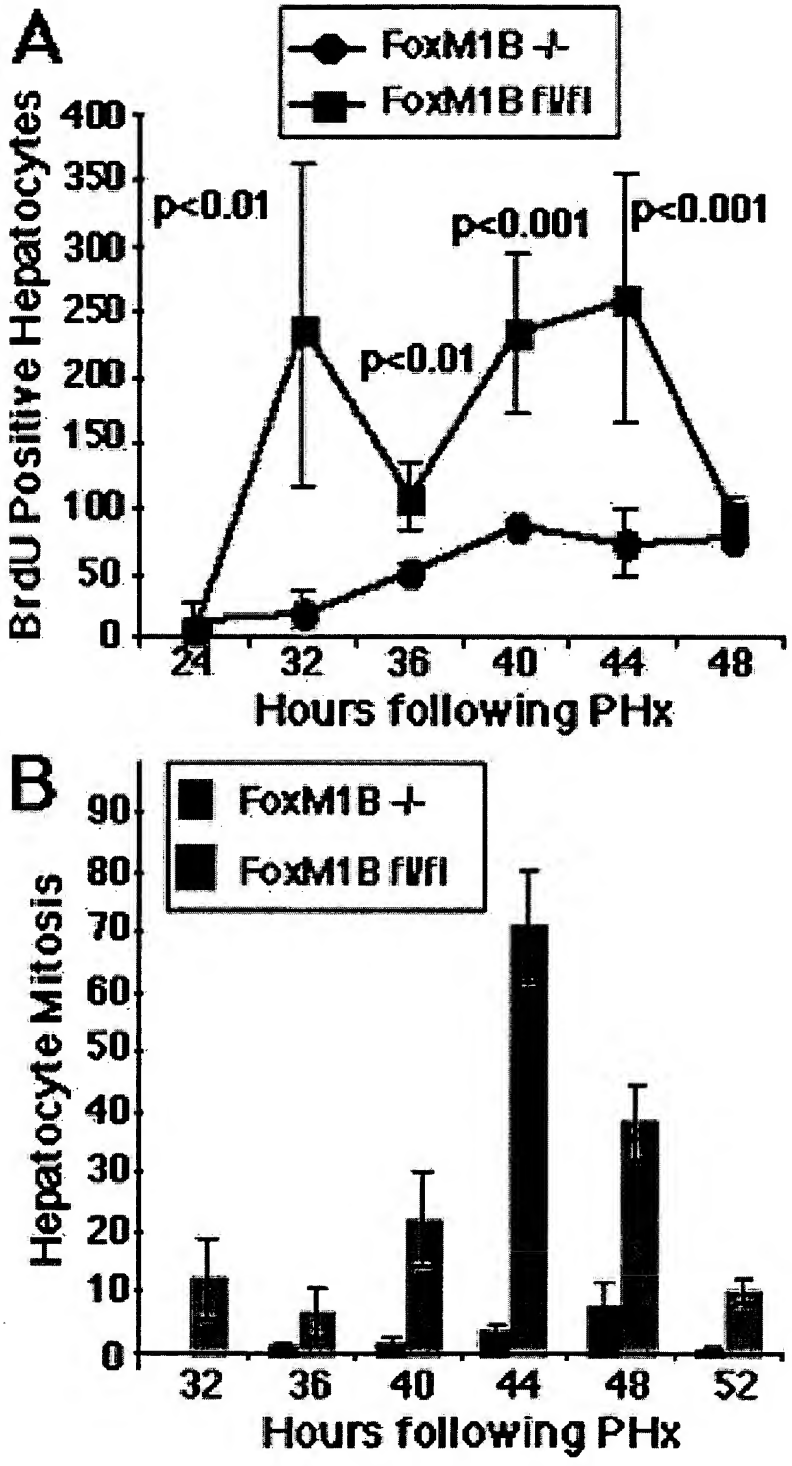

A
FoxM1B -/-
FoxM1B fl/fl
BrdU Positive Hepatocytes
400
350
300
250
200
150
100
50
0
p<0.01
p<0.01
p<0.001
p<0.001
24
32
36
40
44
48
Hours following PHx
B
FoxM1B -/-
FoxM1B fl/fl
Hepatocyte Mitosis
90
80
70
60
50
40
30
20
10
0
32
36
40
44
48
52
Hours following PHx

Fig. 23

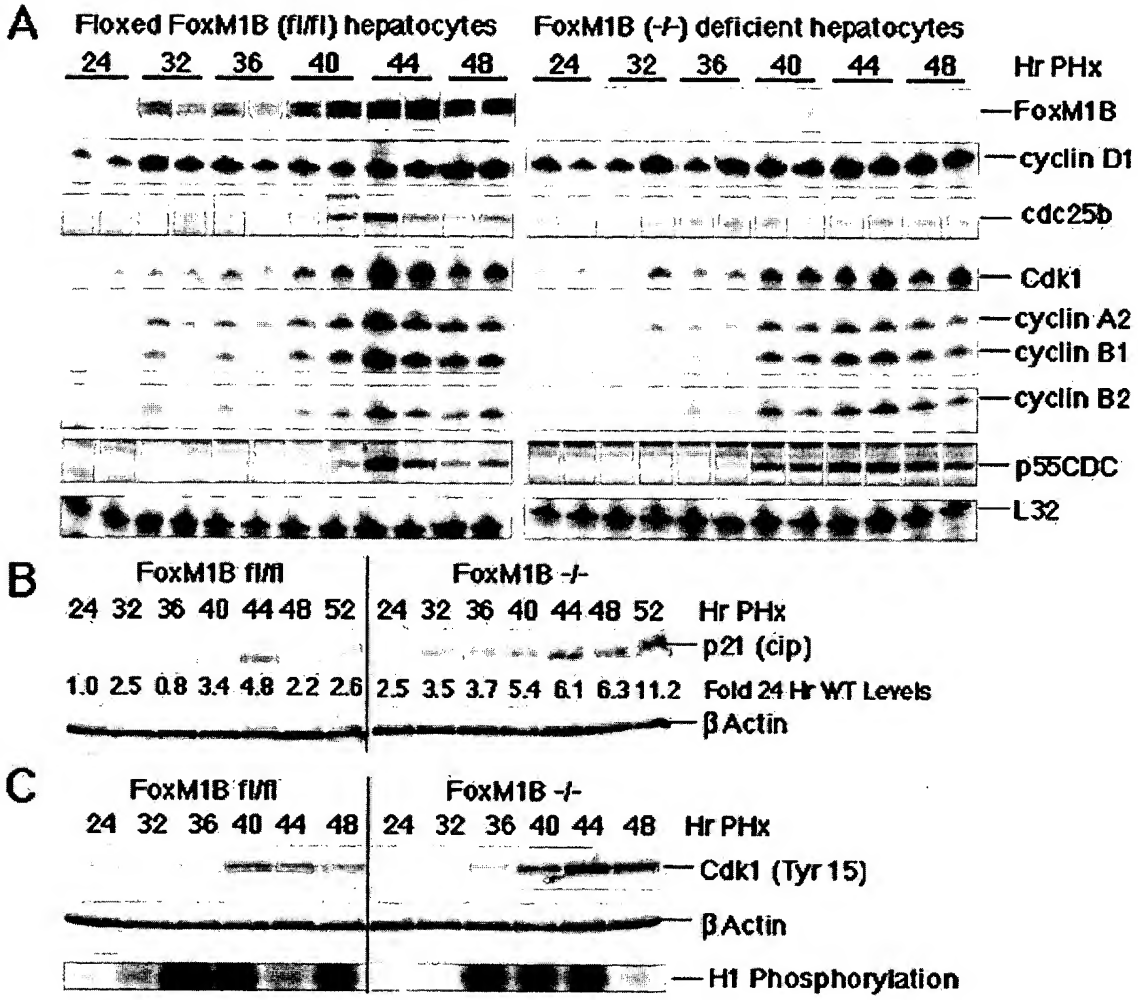

A
Floxed FoxM1B (fl/fl) hepatocytes
FoxM1B (-/-) deficient hepatocytes
24 32 36 40 44 48
24 32 36 40 44 48
Hr PHx
FoxM1B
cyclin D1
cdc25b
Cdk1
cyclin A2
cyclin B1
cyclin B2
p55CDC
L32
B
FoxM1B fl/fl
FoxM1B -/-
24 32 36 40 44 48 52
24 32 36 40 44 48 52
Hr PHx
p21 (cip)
1.0 2.5 0.8 3.4 4.8 2.2 2.6
2.5 3.5 3.7 5.4 6.1 6.3 11.2
Fold 24 Hr WT Levels
βActin
C
FoxM1B fl/fl
FoxM1B -/-
24 32 36 40 44 48
24 32 36 40 44 48
Hr PHx
Cdk1 (Tyr 15)
βActin
H1 Phosphorylation

Fig. 24

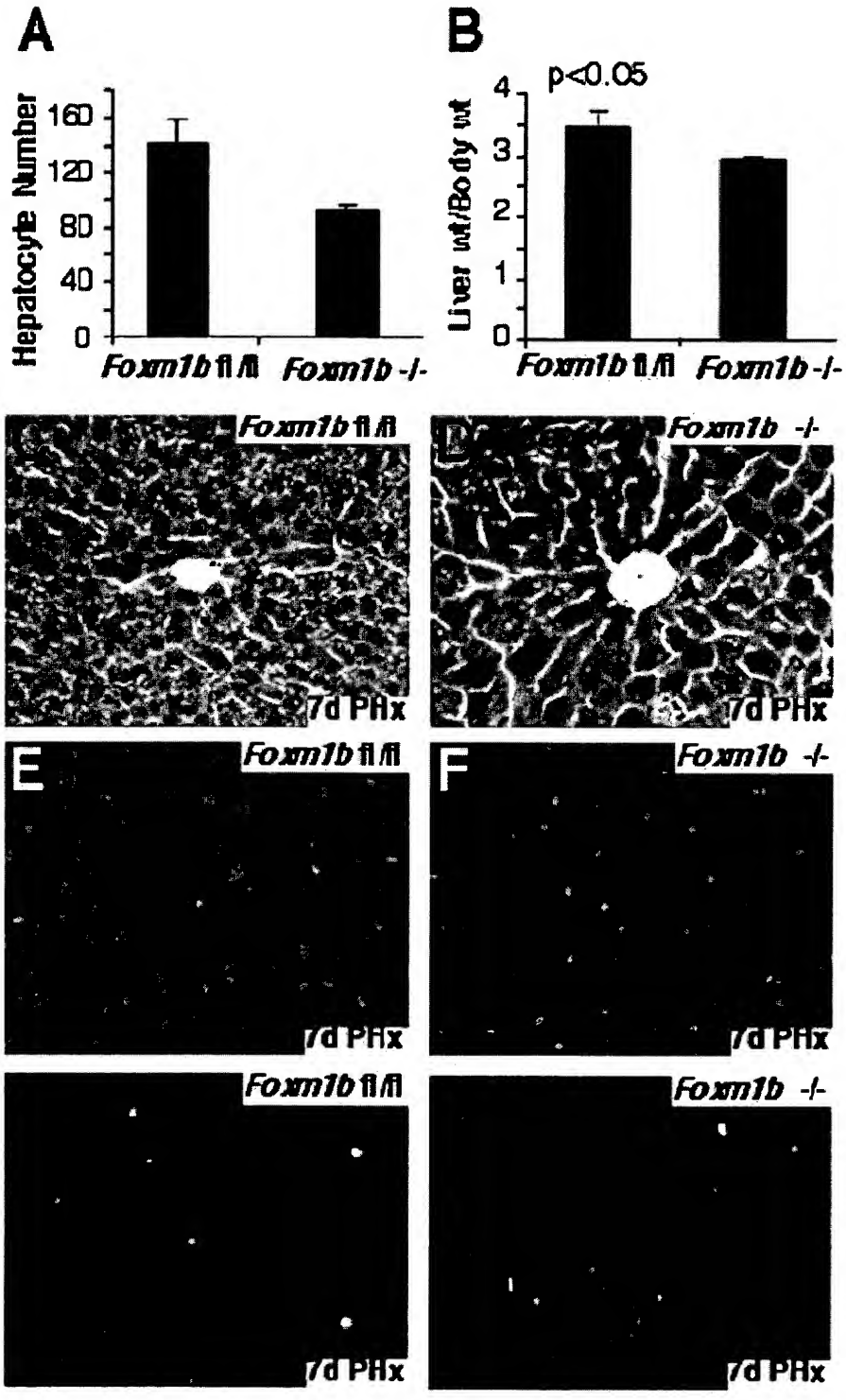

A
Hepatocyte Number
160
120
80
40
0
Foxm1b fl/fl
Foxm1b -/-
B
p<0.05
Liver wt/Body wt
4
3
2
1
0
Foxm1b fl/fl
Foxm1b -/-
Foxm1b fl/fl
7d PHx
Foxm1b -/-
7d PHx
E
Foxm1b fl/fl
7d PHx
F
Foxm1b -/-
7d PHx
Foxm1b fl/fl
7d PHx
Foxm1b -/-
7d PHx

Fig. 25

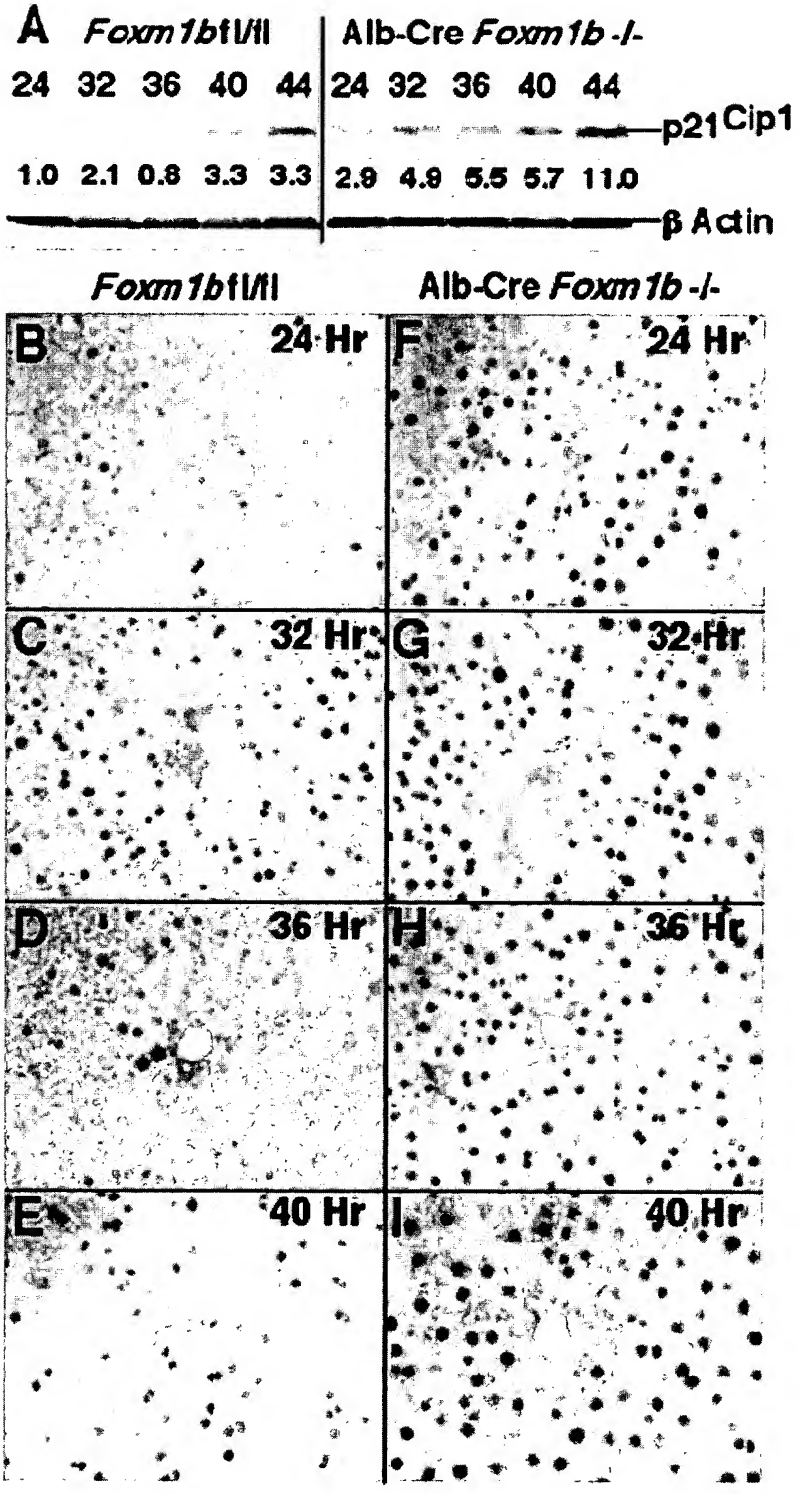

A
Foxm1bfl/fl
Alb-Cre Foxm1b -/-
24 32 36 40 44
24 32 36 40 44
p21Cip1
1.0 2.1 0.8 3.3 3.3
2.9 4.9 5.5 5.7 11.0
β Actin
Foxm1bfl/fl
Alb-Cre Foxm1b -/-
B 24 Hr
F 24 Hr
C 32 Hr
G 32 Hr
D 36 Hr
H 36 Hr
E 40 Hr
I 40 Hr

Fig. 26

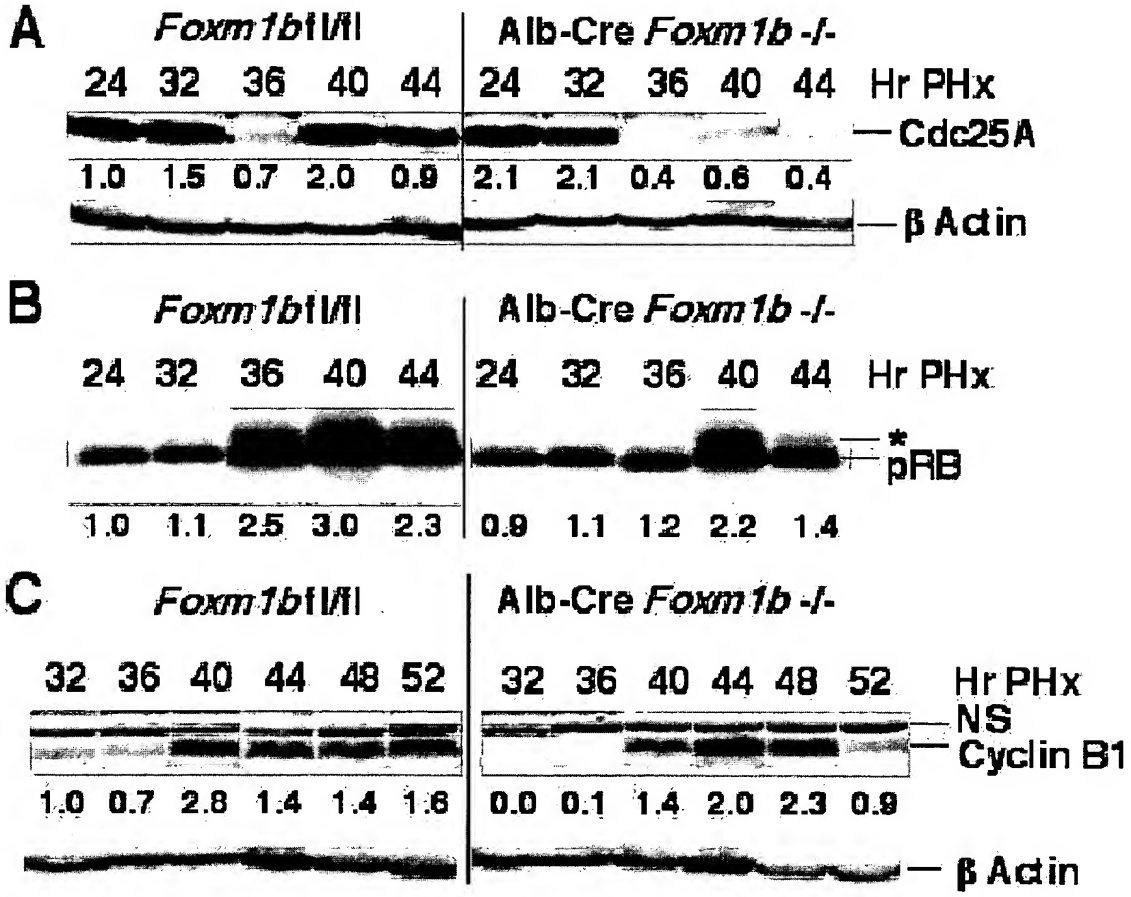
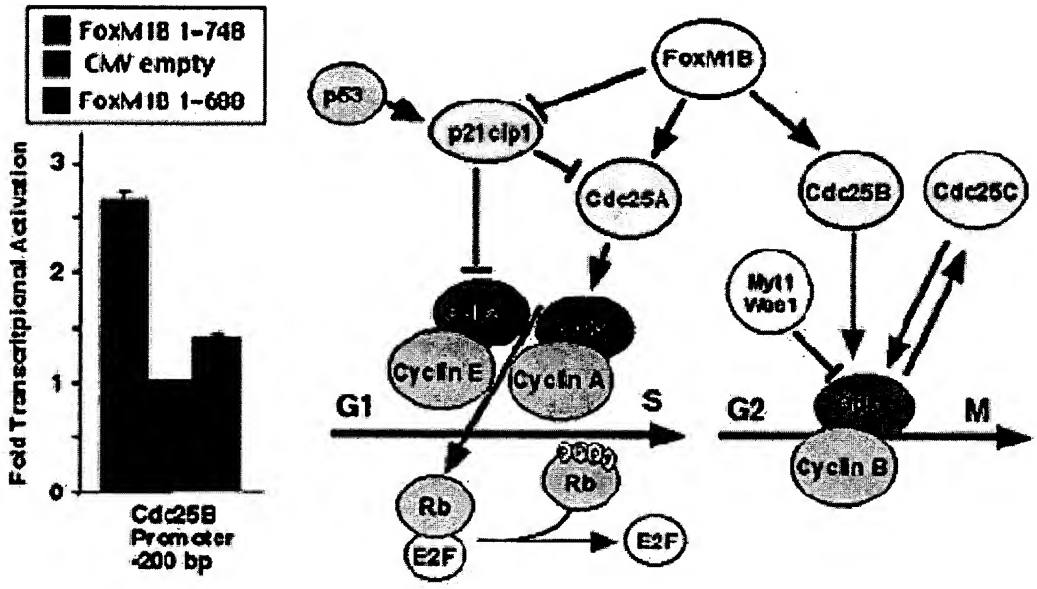

A
Foxm1bf/f/
Alb-Cre Foxm1b -/-
24 32 36 40 44 24 32 36 40 44 Hr PHx
Cdc25A
1.0 1.5 0.7 2.0 0.9 2.1 2.1 0.4 0.6 0.4
β Actin
B
Foxm1bf/f/
Alb-Cre Foxm1b -/-
24 32 36 40 44 24 32 36 40 44 Hr PHx
*
pRB
1.0 1.1 2.5 3.0 2.3 0.9 1.1 1.2 2.2 1.4
C
Foxm1bf/f/
Alb-Cre Foxm1b -/-
32 36 40 44 48 52 32 36 40 44 48 52 Hr PHx
NS
Cyclin B1
1.0 0.7 2.8 1.4 1.4 1.6 0.0 0.1 1.4 2.0 2.3 0.9
β Actin

Fig. 27


FoxM1B 1-748
CMV empty
FoxM1B 1-600
Fold Transcripional Activation
3
2
1
0
Cdc25B Promoter -200 bp
p53
p21cip1
FoxM1B
Cdc25A
Cdc25B
Cdc25C
Myt1
Wee1
Cyclin E
Cyclin A
G1
S
G2
M
Cyclin B
Rb
Rb
E2F
E2F

A B

Fig. 28

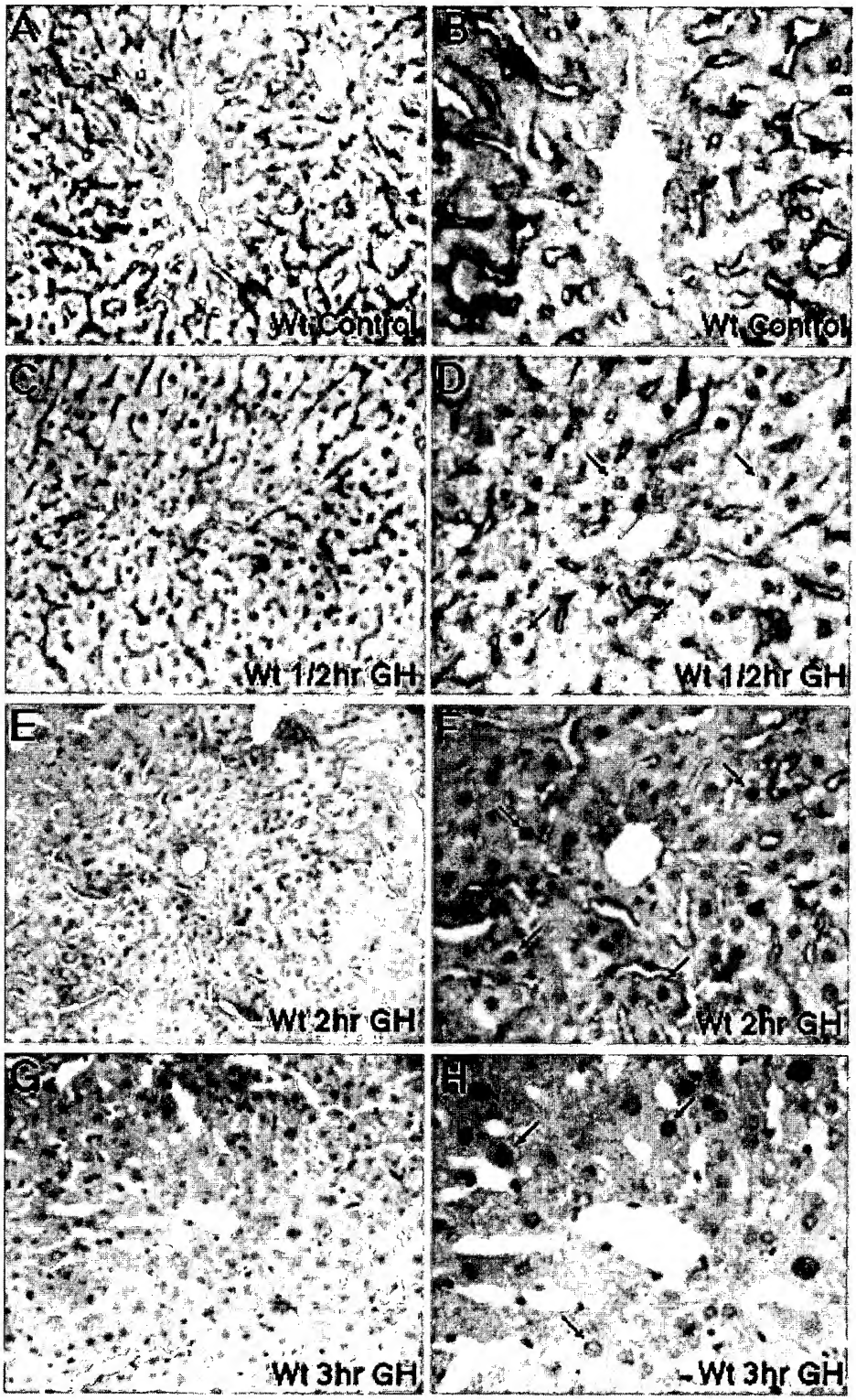

A
Wt Control
B
Wt Control
C
Wt 1/2hr GH
D
Wt 1/2hr GH
E
Wt 2hr GH
F
Wt 2hr GH
G
Wt 3hr GH
H
Wt 3hr GH

Fig. 29

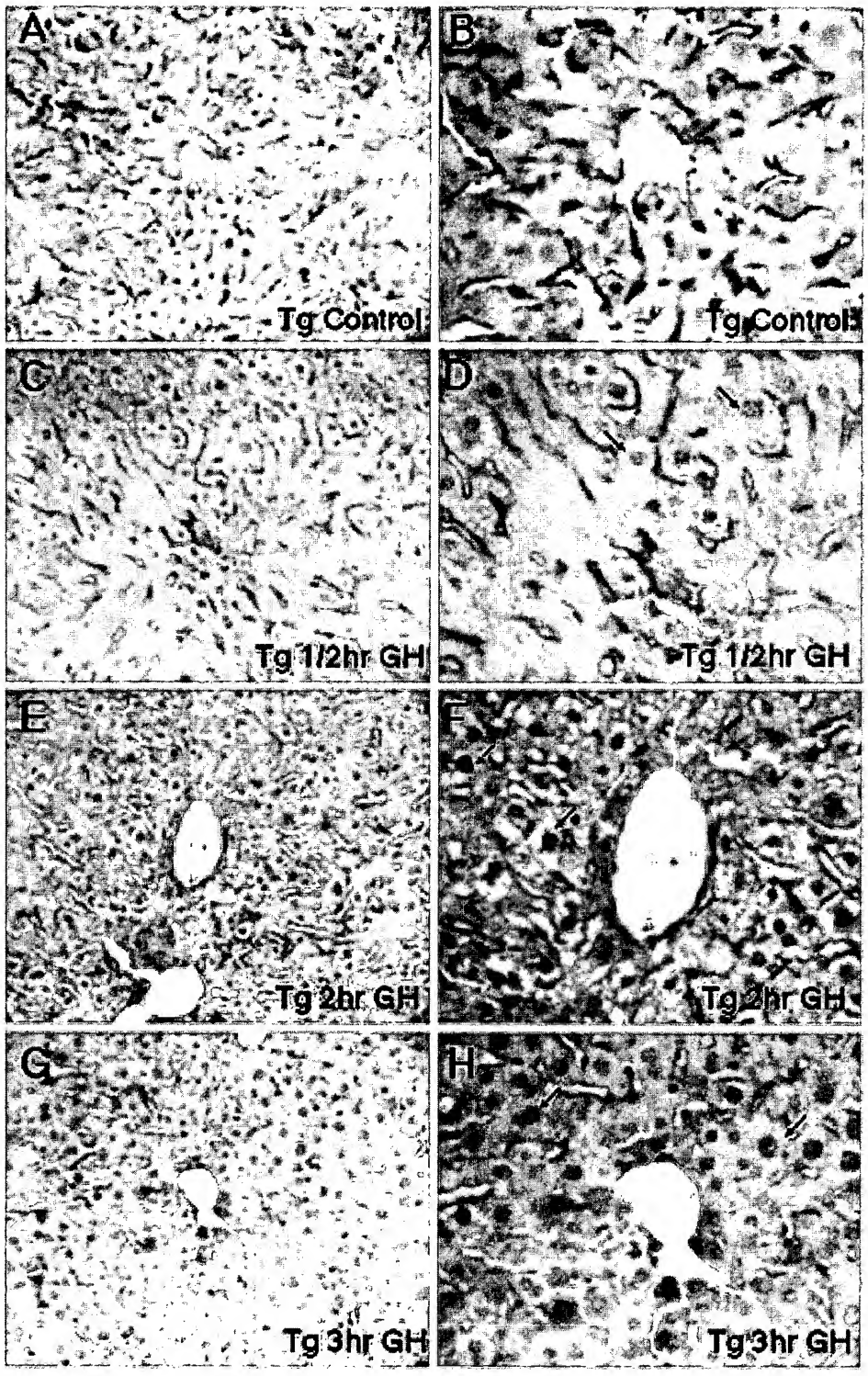

A
Tg Control
B
Tg Control
C
Tg 1/2hr GH
D
Tg 1/2hr GH
E
Tg 2hr GH
F
Tg 2hr GH
G
Tg 3hr GH
H
Tg 3hr GH

Fig. 30

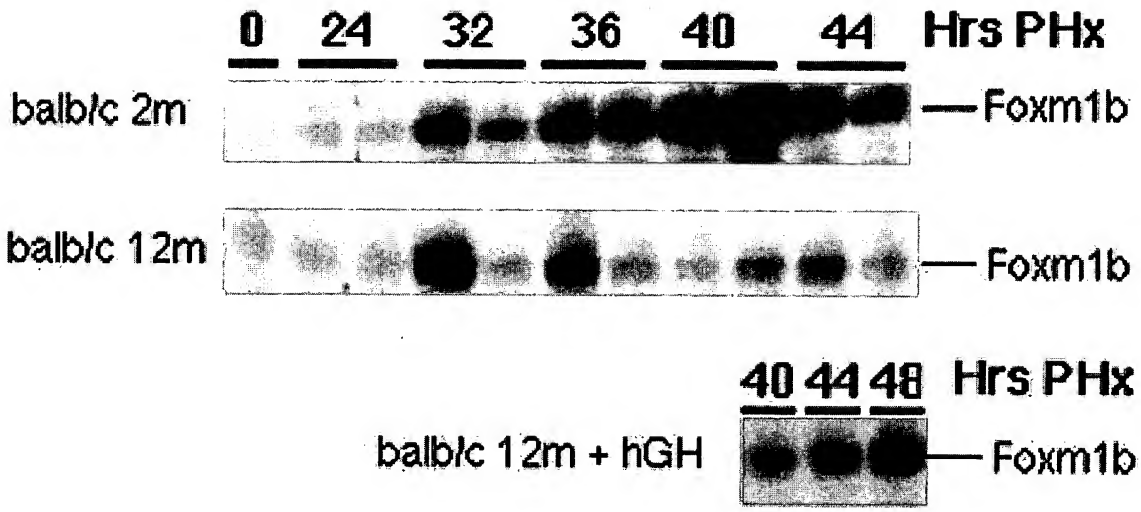

0 24 32 36 40 44 Hrs PHx
balb/c 2m
Foxm1b
balb/c 12m
Foxm1b
40 44 48 Hrs PHx
balb/c 12m + hGH
Foxm1b

Fig. 31

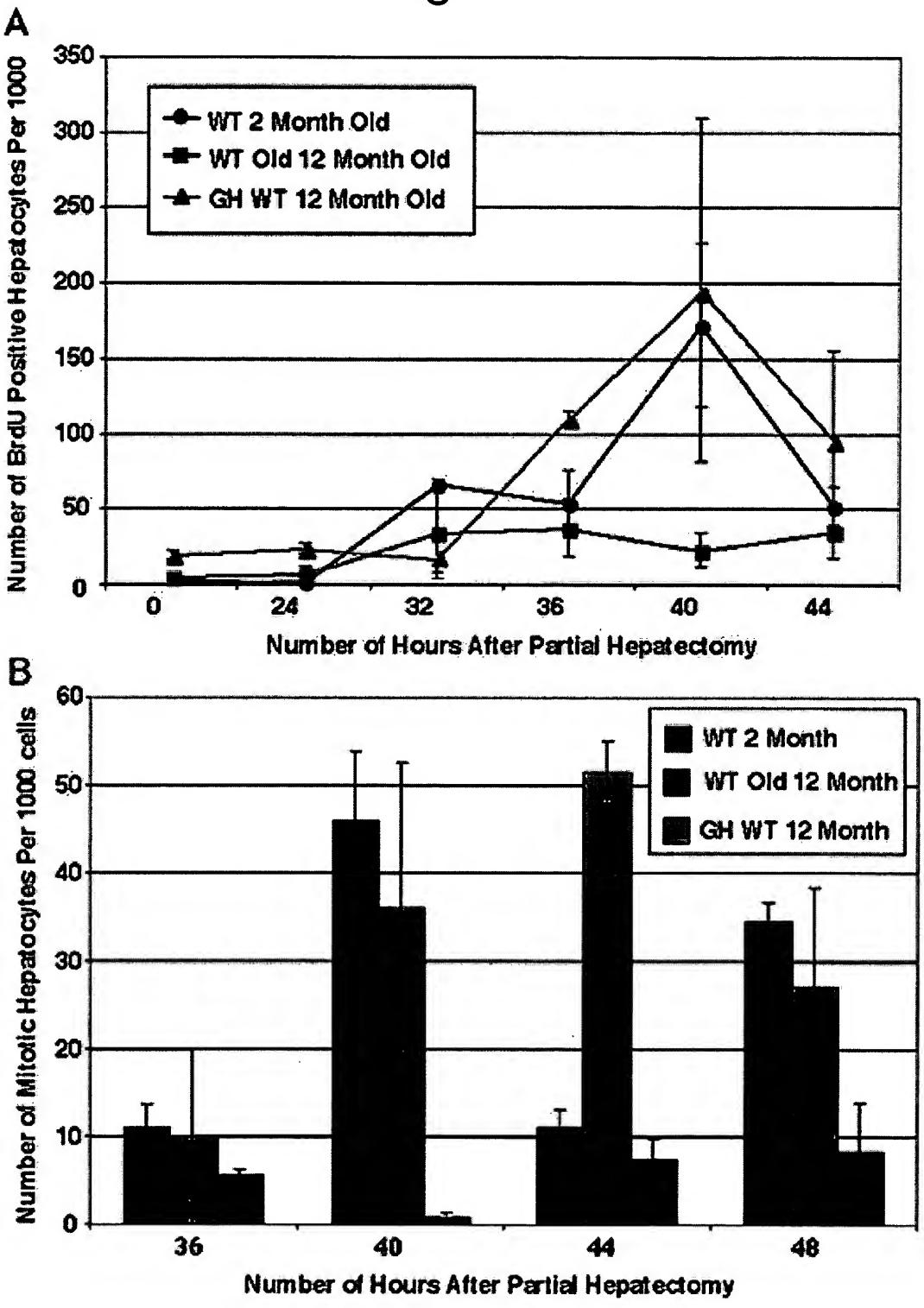

A
Number of BrdU Positive Hepatocytes Per 1000
350
300
250
200
150
100
50
0
WT 2 Month Old
WT Old 12 Month Old
GH WT 12 Month Old
0
24
32
36
40
44
Number of Hours After Partial Hepatectomy
B
Number of Mitotic Hepatocytes Per 1000 cells
60
50
40
30
20
10
0
WT 2 Month
WT Old 12 Month
GH WT 12 Month
36
40
44
48
Number of Hours After Partial Hepatectomy

Fig. 32

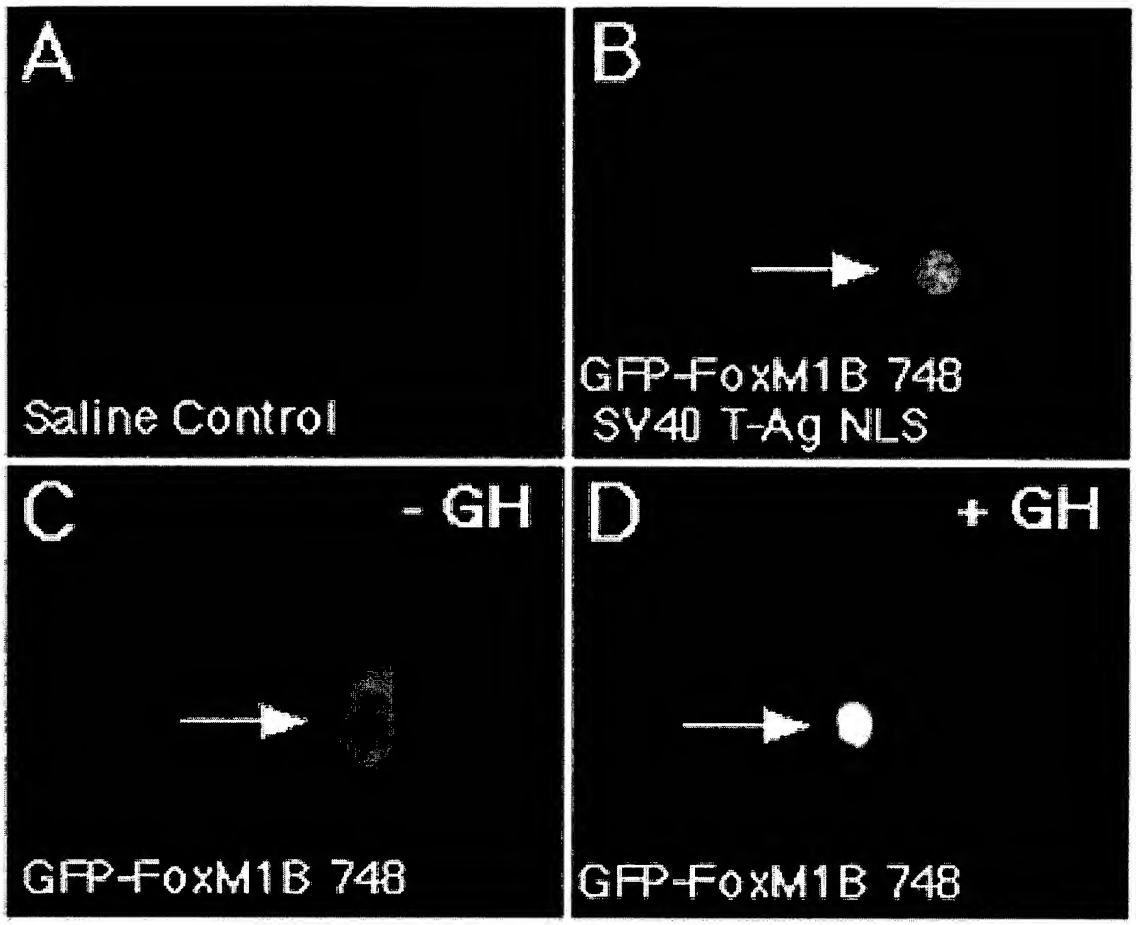

A
Saline Control
B
GFP-FoxM1B 748
SV40 T-Ag NLS
C
- GH
GFP-FoxM1B 748
D
+ GH
GFP-FoxM1B 748

FIG. 33

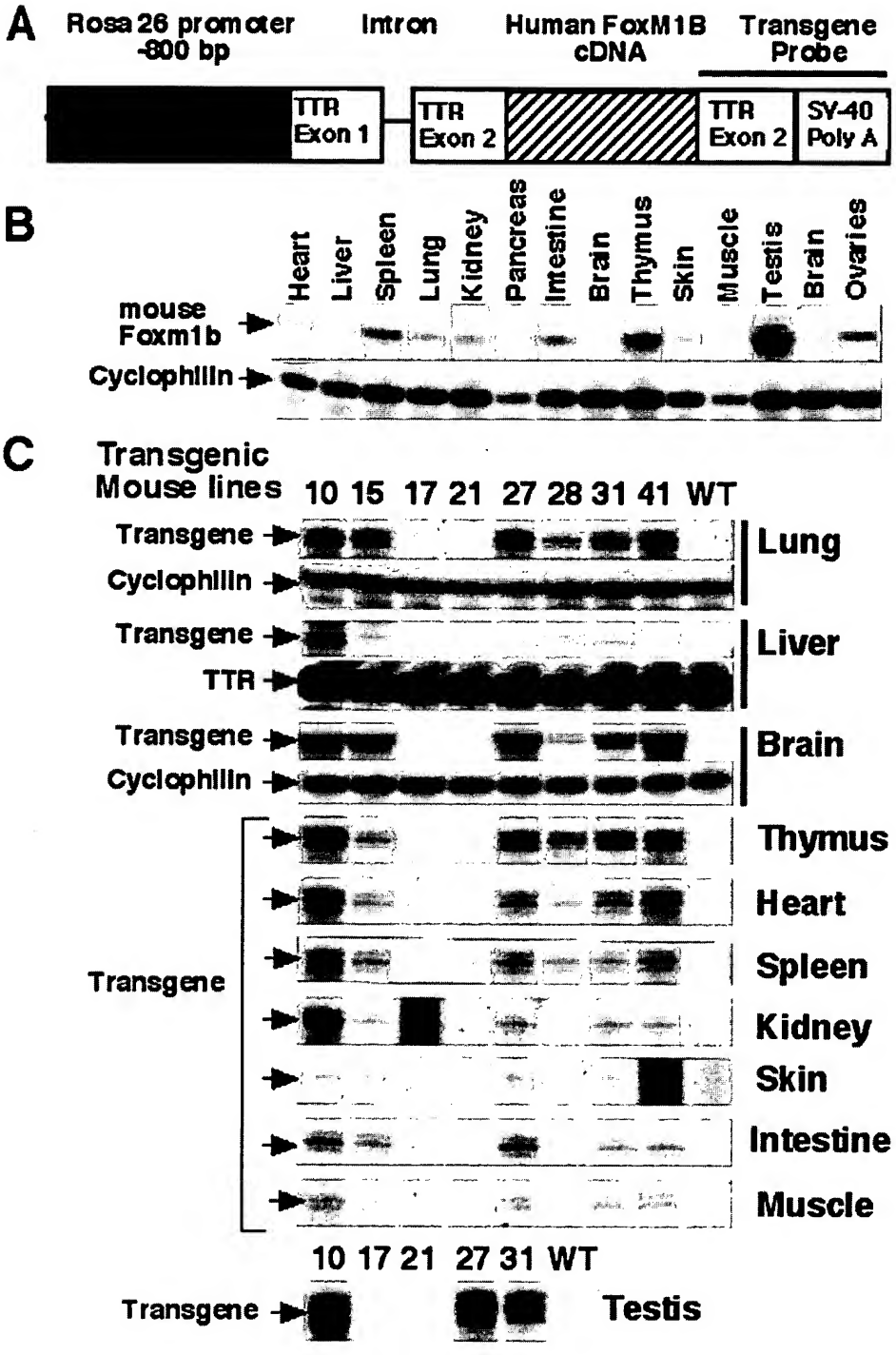

A
Rosa 26 promoter -800 bp
Intron
Human FoxM1B cDNA
Transgene Probe
TTR Exon 1
TTR Exon 2
TTR Exon 2
SV-40 Poly A
B
Heart
Liver
Spleen
Lung
Kidney
Pancreas
Intestine
Brain
Thymus
Skin
Muscle
Testis
Brain
Ovaries
mouse Foxm1b
Cyclophilin
C
Transgenic Mouse lines
10 15 17 21 27 28 31 41 WT
Transgene
Cyclophilin
Lung
Transgene
TTR
Liver
Transgene
Cyclophilin
Brain
Transgene
Thymus
Heart
Spleen
Kidney
Skin
Intestine
Muscle
10 17 21 27 31 WT
Transgene
Testis

Fig. 34

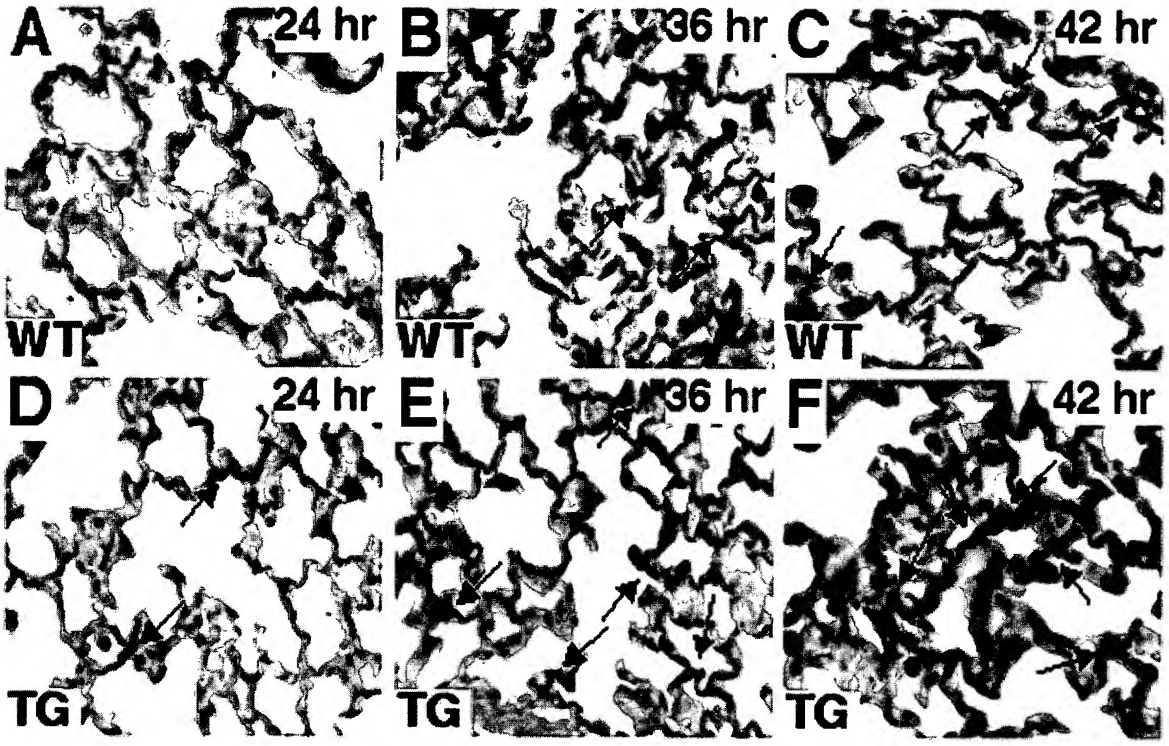


Fig. 35

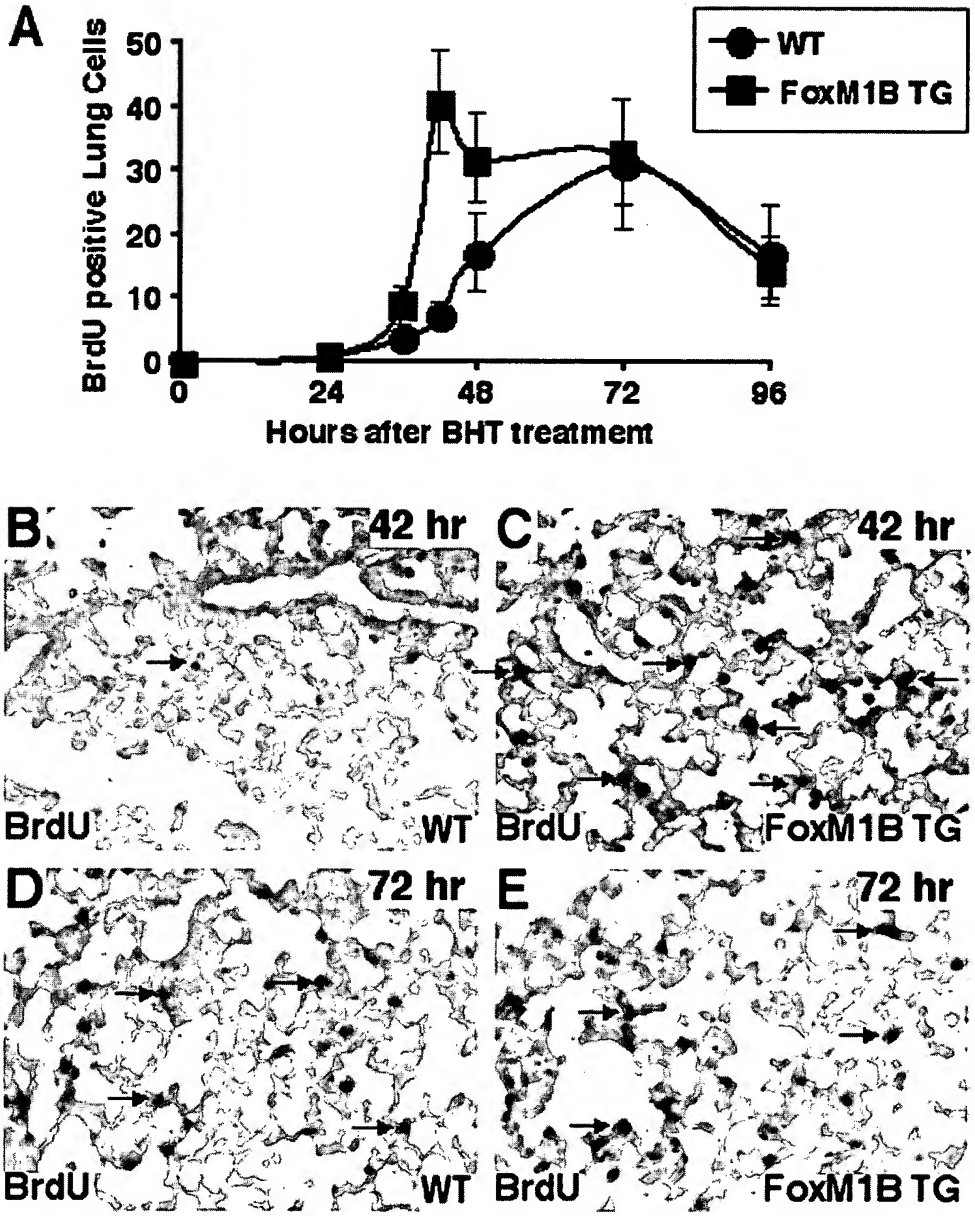

A
BrdU positive Lung Cells
50
40
30
20
10
0
0
24
48
72
96
Hours after BHT treatment
WT
FoxM1B TG
B
42 hr
BrdU
WT
C
42 hr
BrdU
FoxM1B TG
D
72 hr
BrdU
WT
E
72 hr
BrdU
FoxM1B TG

FIG. 36

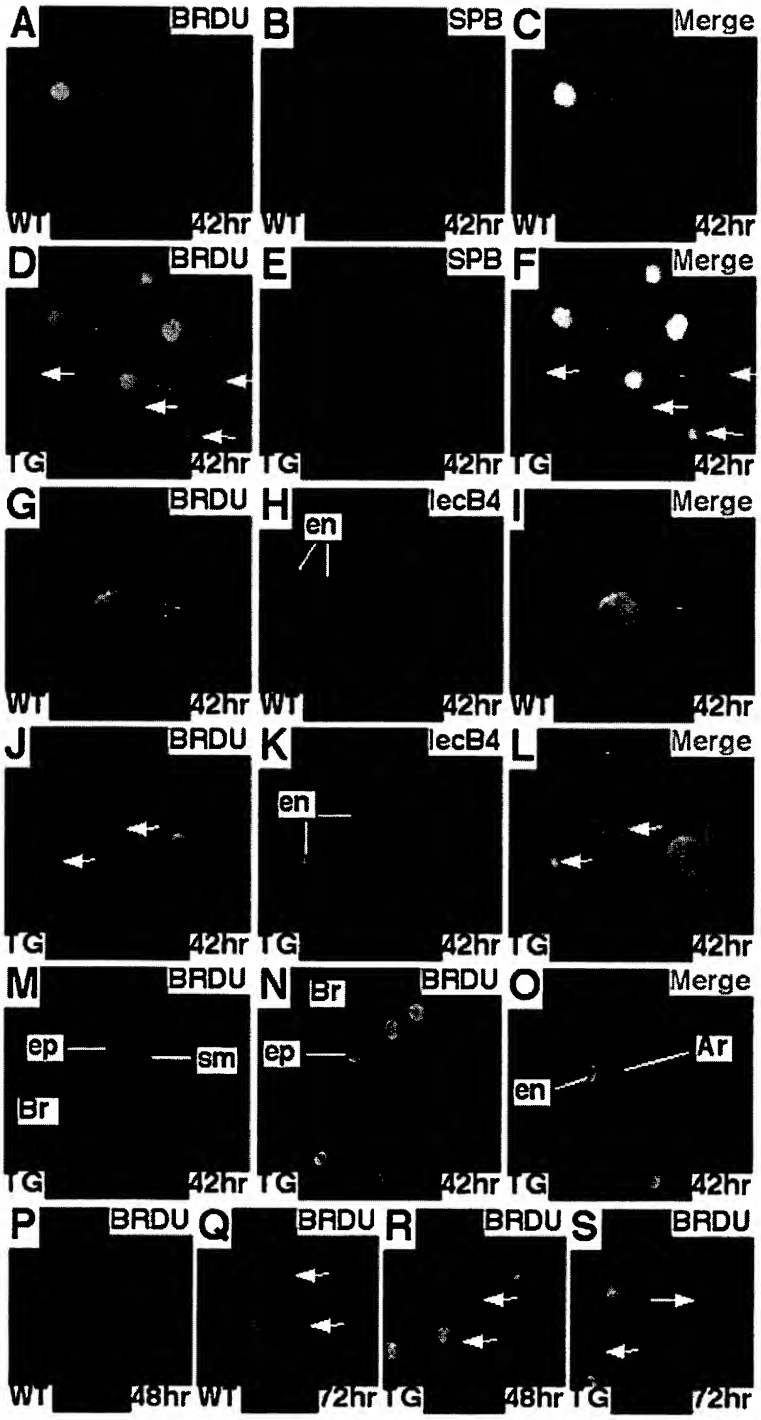

A
BRDU
WT
42hr
B
SPB
WT
42hr
C
Merge
WT
42hr
D
BRDU
TG
42hr
E
SPB
TG
42hr
F
Merge
TG
42hr
G
BRDU
WT
42hr
H
lecB4
en
WT
42hr
I
Merge
WT
42hr
J
BRDU
TG
42hr
K
lecB4
en
TG
42hr
L
Merge
TG
42hr
M
BRDU
ep
sm
Br
TG
42hr
N
Br
BRDU
ep
TG
42hr
O
Merge
Ar
en
TG
42hr
P
BRDU
WT
48hr
Q
BRDU
WT
72hr
R
BRDU
TG
48hr
S
BRDU
TG
72hr

FIG. 37

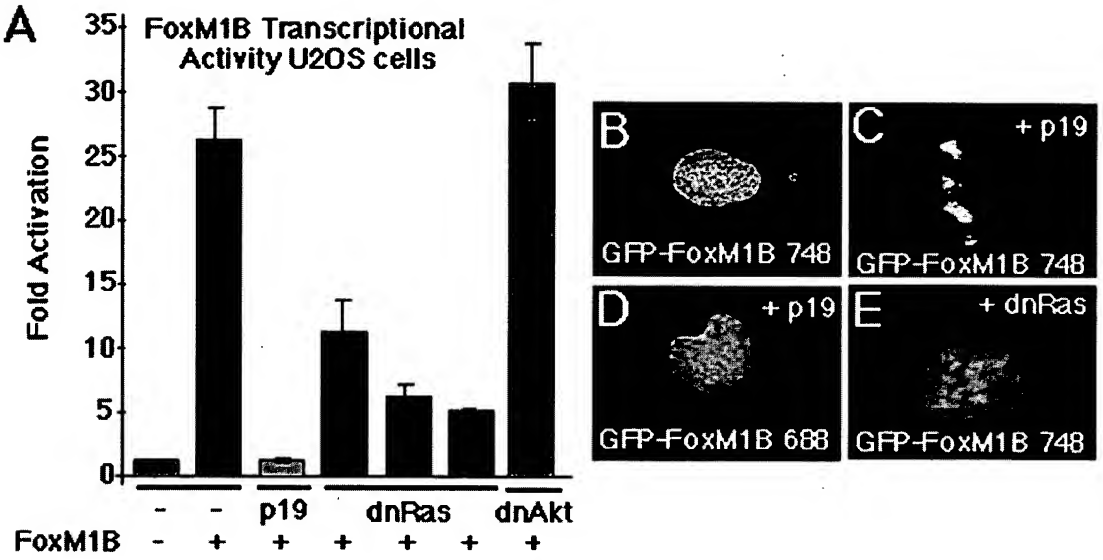

A
FoxM1B Transcriptional Activity U2OS cells
Fold Activation
35
30
25
20
15
10
5
0
- - p19 dnRas dnAkt
FoxM1B - + + + + + +
B
GFP-FoxM1B 748
C
+ p19
GFP-FoxM1B 748
D
+ p19
GFP-FoxM1B 688
E
+ dnRas
GFP-FoxM1B 748

Fig. 38

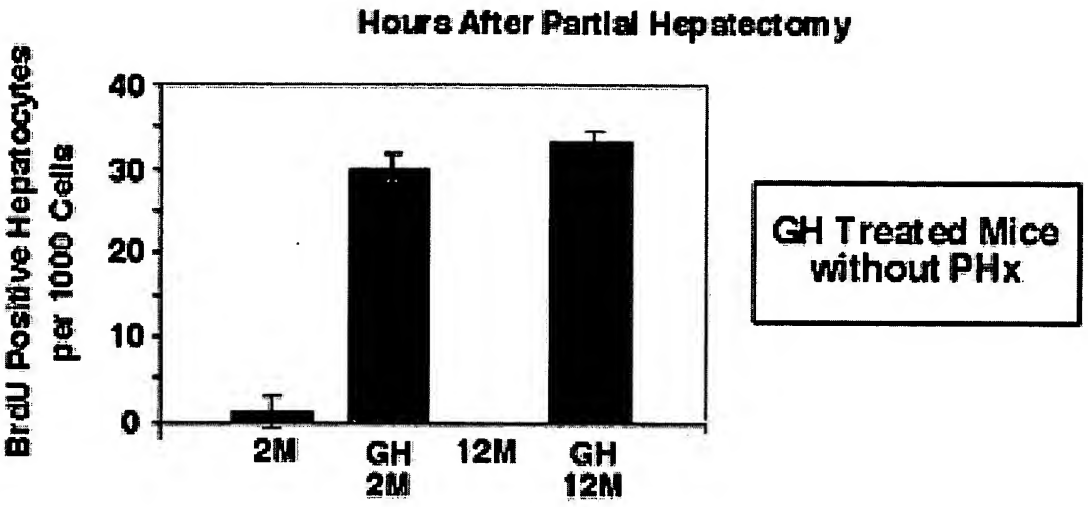

Hours After Partial Hepatectomy
BrdU Positive Hepatocytes per 1000 Cells
40
30
20
10
0
2M
GH 2M
12M
GH 12M
GH Treated Mice without PHx

Fig. 39

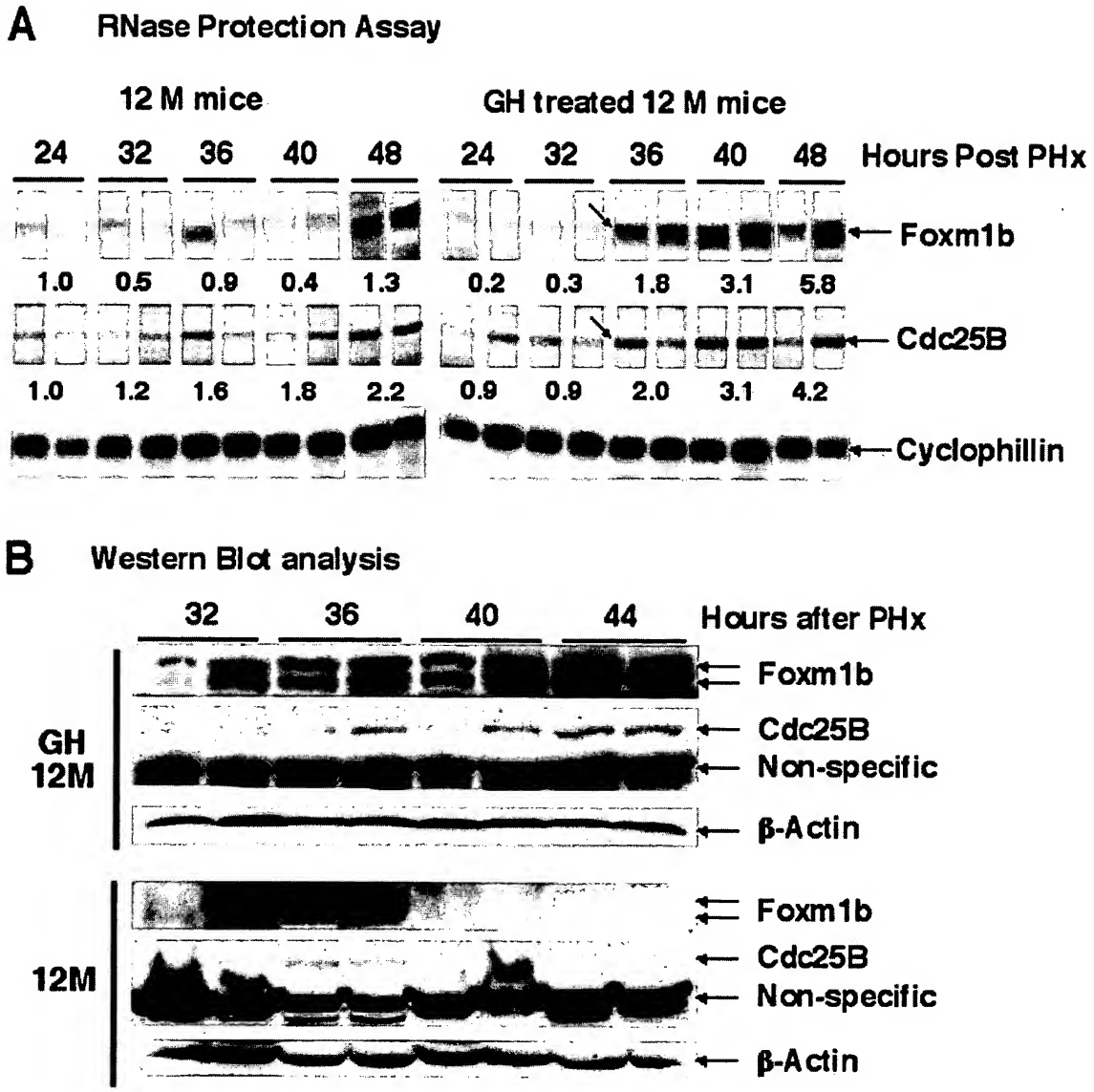

A
RNase Protection Assay
12 M mice
GH treated 12 M mice
24 32 36 40 48 24 32 36 40 48 Hours Post PHx
Foxm1b
1.0 0.5 0.9 0.4 1.3 0.2 0.3 1.8 3.1 5.8
Cdc25B
1.0 1.2 1.6 1.8 2.2 0.9 0.9 2.0 3.1 4.2
Cyclophillin
B
Western Blot analysis
32 36 40 44 Hours after PHx
GH 12M
Foxm1b
Cdc25B
Non-specific
β-Actin
12M
Foxm1b
Cdc25B
Non-specific
β-Actin

Fig. 40

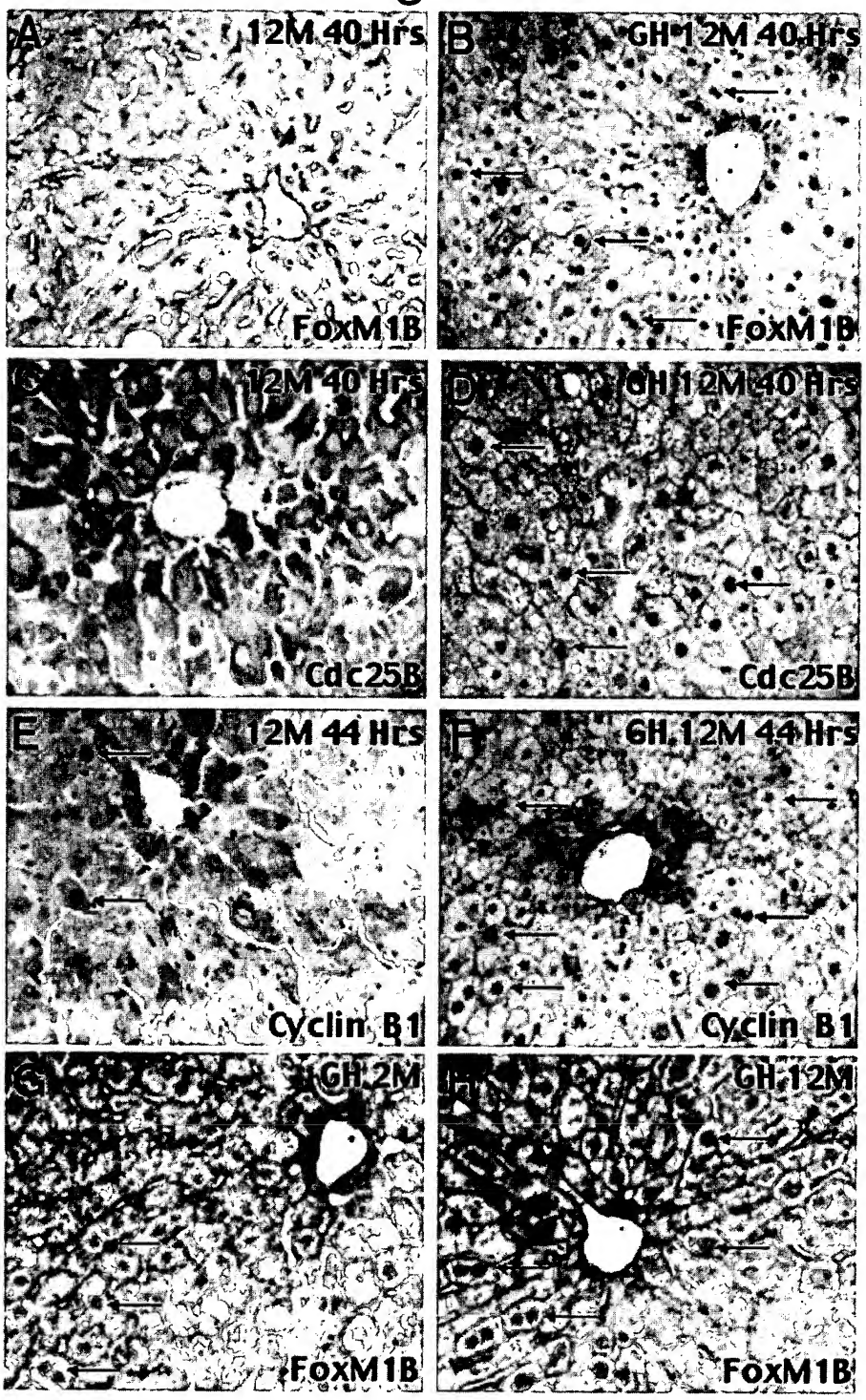

A
12M 40 Hrs
FoxM1B
B
GH 12M 40 Hrs
FoxM1B
C
12M 40 Hrs
Cdc25B
D
GH 12M 40 Hrs
Cdc25B
E
12M 44 Hrs
Cyclin B1
F
GH 12M 44 Hrs
Cyclin B1
G
GH 2M
FoxM1B
H
GH 12M
FoxM1B

Fig. 41

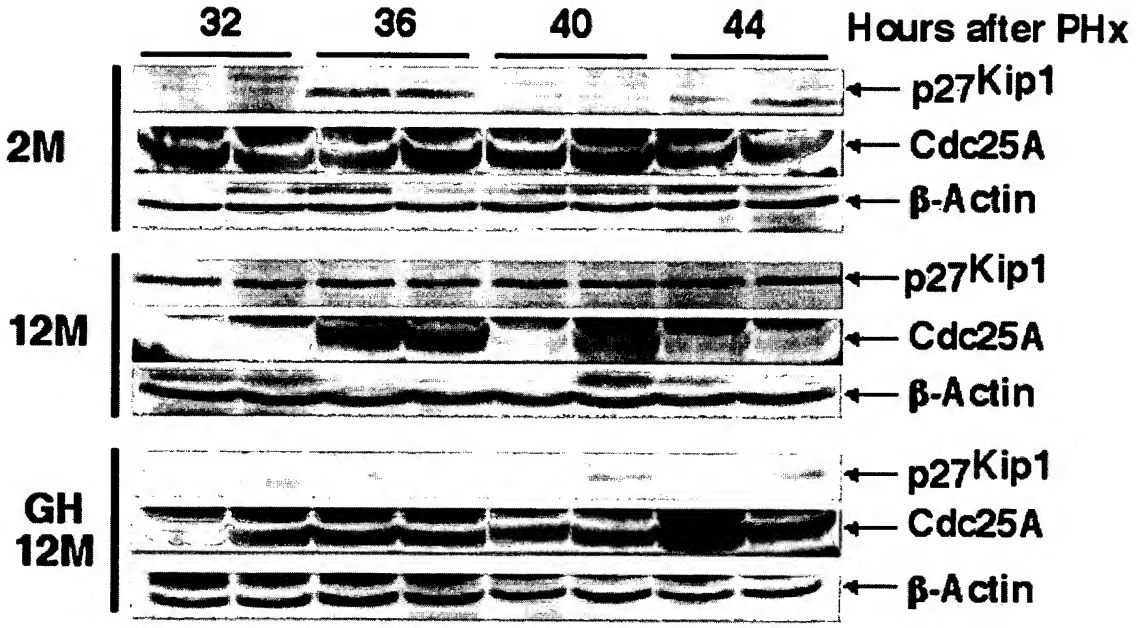

32
36
40
44
Hours after PHx
2M
12M
GH
12M
p27Kip1
Cdc25A
β-Actin
p27Kip1
Cdc25A
β-Actin
p27Kip1
Cdc25A
β-Actin

Fig. 42

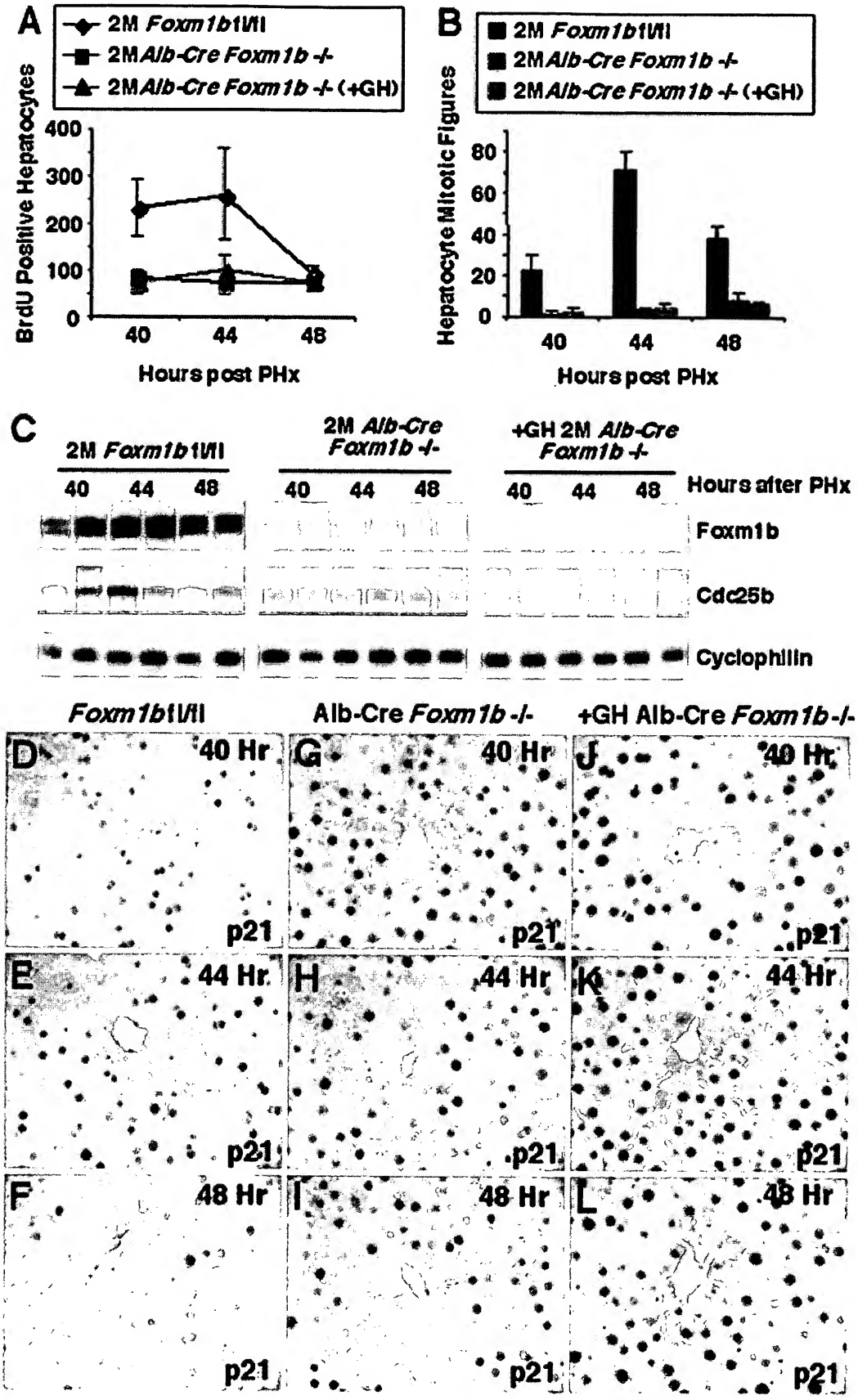

A
2M Foxm1b1/1
2M Alb-Cre Foxm1b -/-
2M Alb-Cre Foxm1b -/- (+GH)
BrdU Positive Hepatocytes
400
300
200
100
0
40
44
48
Hours post PHx
B
2M Foxm1b1/1
2M Alb-Cre Foxm1b -/-
2M Alb-Cre Foxm1b -/- (+GH)
Hepatocyte Mitotic Figures
80
60
40
20
0
40
44
48
Hours post PHx
C
2M Foxm1b1/1
2M Alb-Cre Foxm1b -/-
+GH 2M Alb-Cre Foxm1b -/-
40 44 48 40 44 48 40 44 48
Hours after PHx
Foxm1b
Cdc25b
Cyclophilin
Foxm1b1/1
Alb-Cre Foxm1b -/-
+GH Alb-Cre Foxm1b -/-
D 40 Hr p21
G 40 Hr p21
J 40 Hr p21
E 44 Hr p21
H 44 Hr p21
K 44 Hr p21
F 48 Hr p21
I 48 Hr p21
L 48 Hr p21

Fig. 43

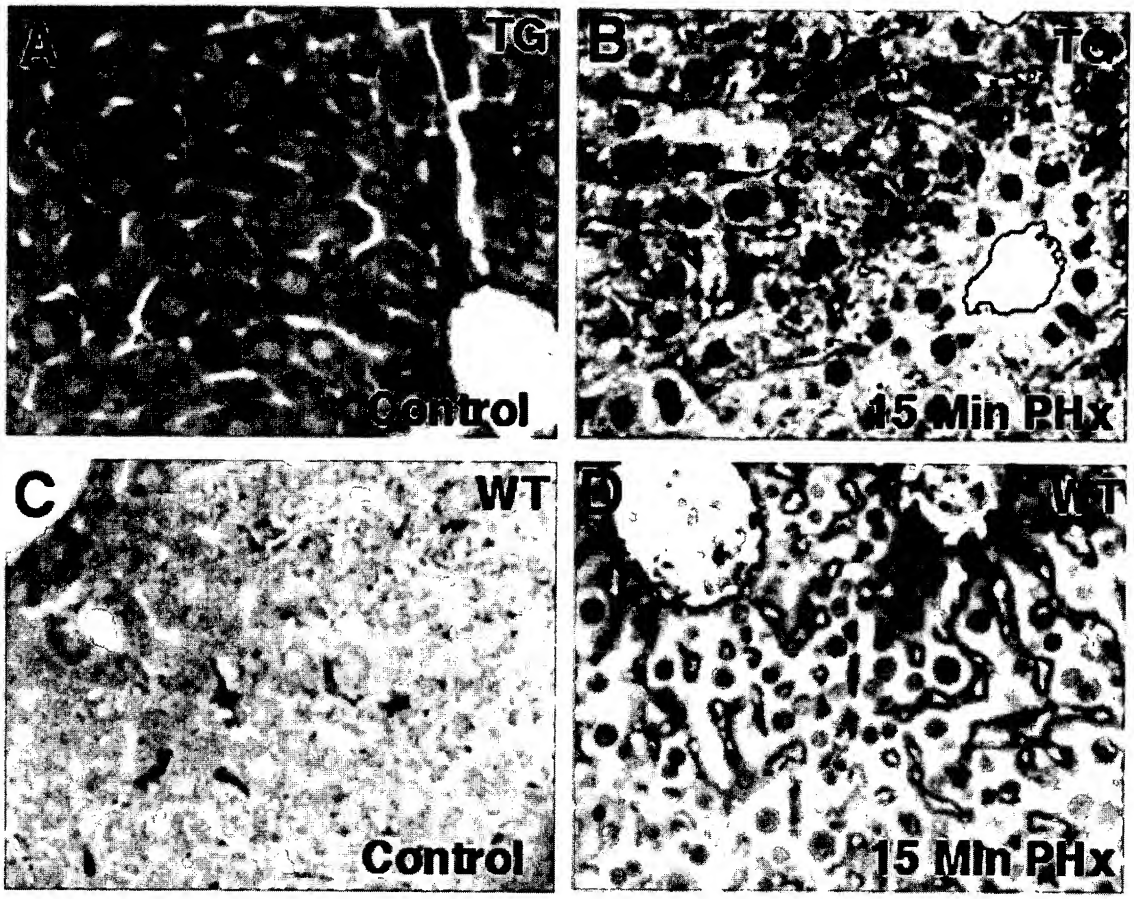


Fig. 44

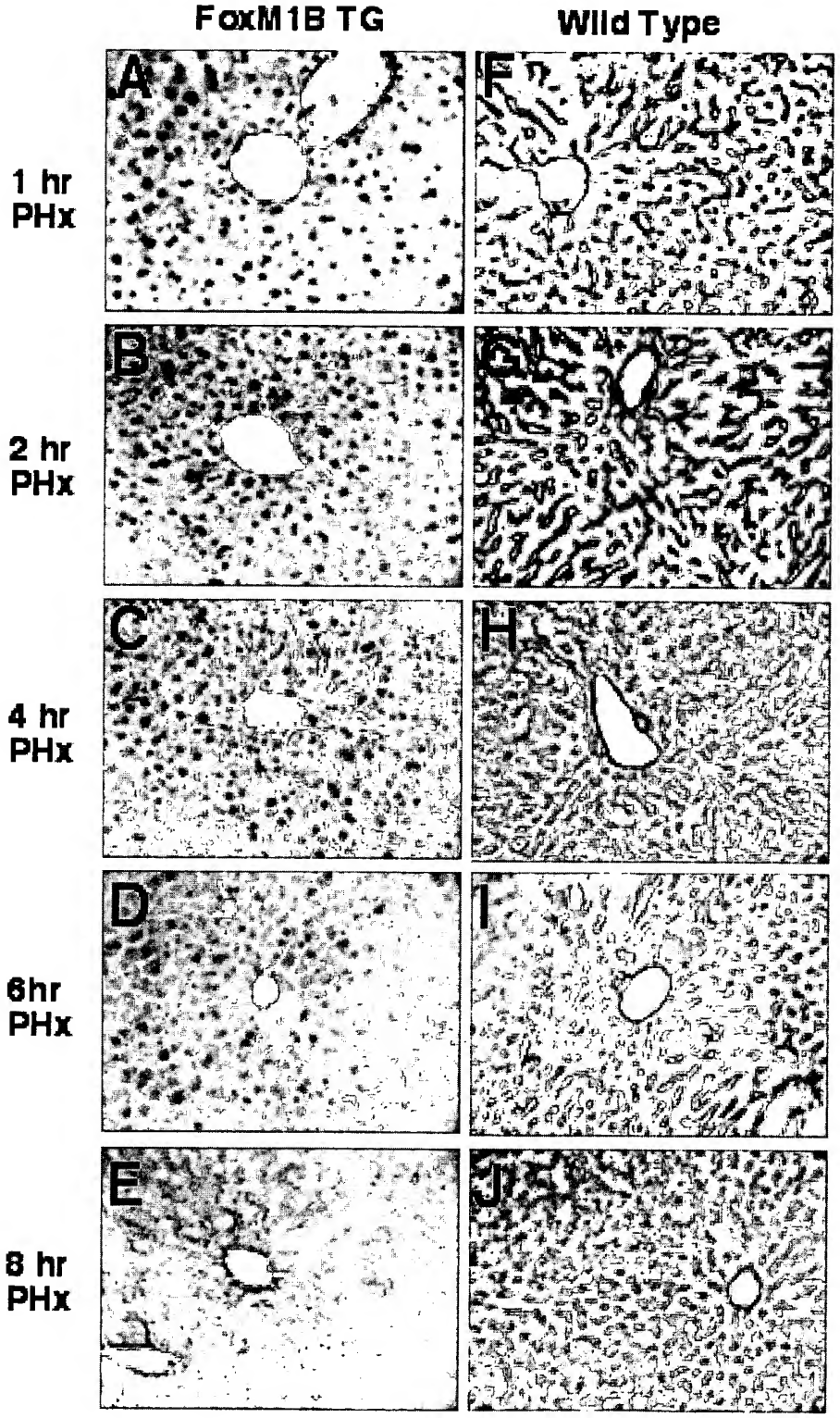

FoxM1B TG
Wild Type
1 hr PHx
2 hr PHx
4 hr PHx
6hr PHx
8 hr PHx
A
B
C
D
E
F
G
H
I
J

Fig. 45

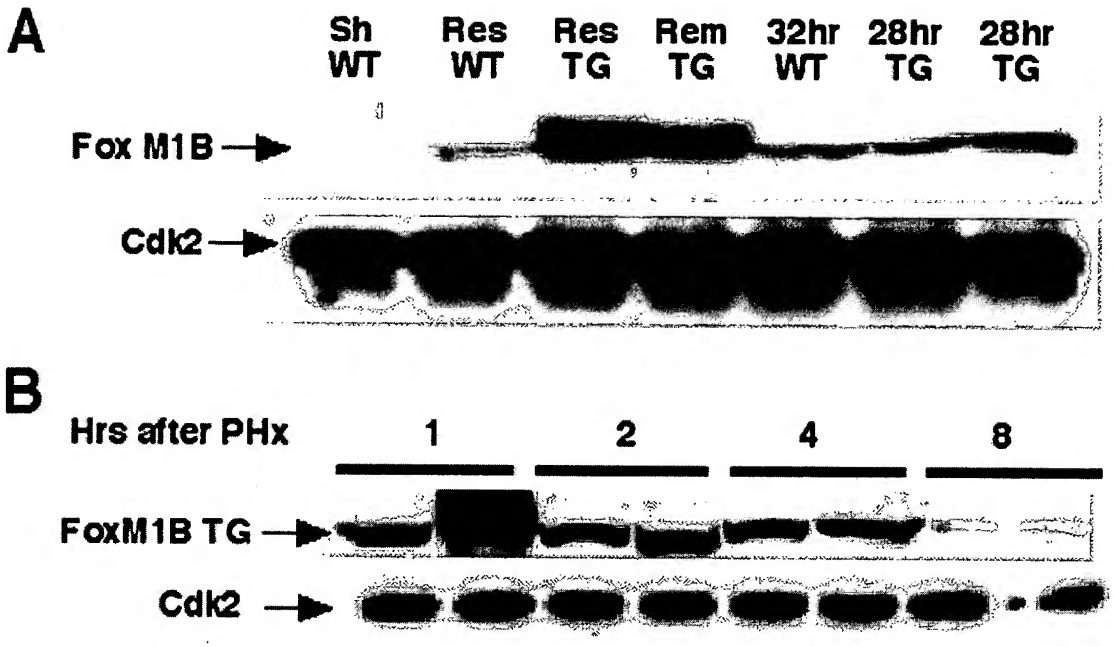
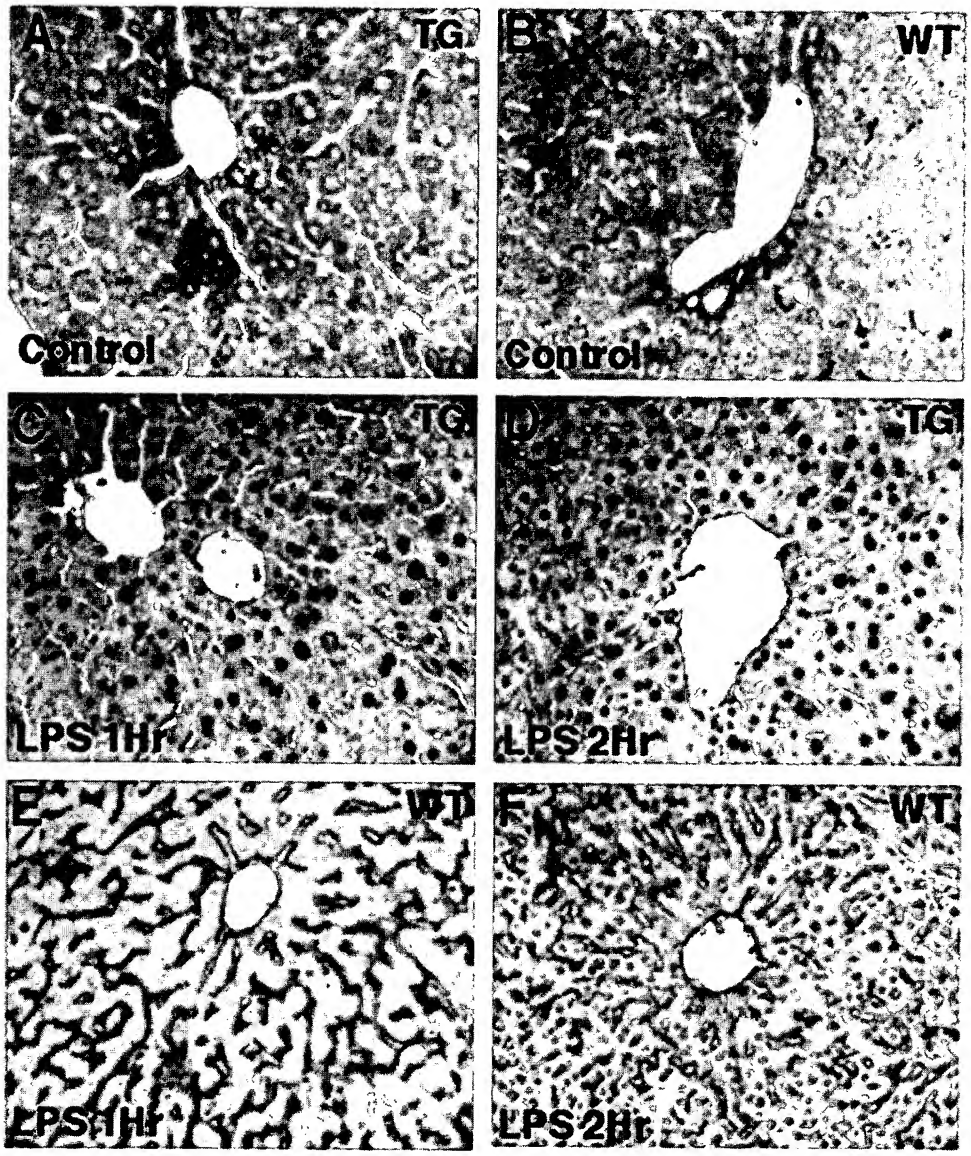
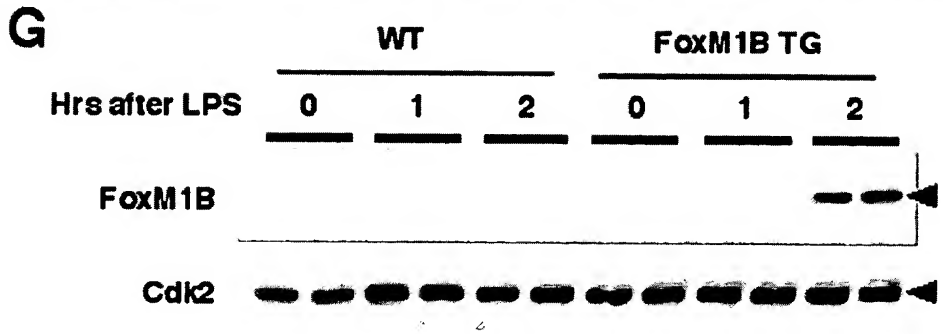

A
Sh WT
Res WT
Res TG
Rem TG
32hr WT
28hr TG
28hr TG
Fox M1B
Cdk2
B
Hrs after PHx
1
2
4
8
FoxM1B TG
Cdk2

Fig. 46


A
TG
Control
B
WT
Control
C
TG
LPS 1Hr
D
TG
LPS 2Hr
E
WT
LPS 1Hr
F
WT
LPS 2Hr


G
WT
FoxM1B TG
Hrs after LPS
0
1
2
0
1
2
FoxM1B
Cdk2